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The
CHEMIST AND DRUGGIST
for RETAILER - WHOLESALER - MANUFACTURER

Established 1859

28 Essex Street, Strand, London, W.C.2

Registered as a Newspaper

No. 3208
VOL. CXXXV

AUGUST 2, 1941

Annual Subscription (with
Diary) 25/- Single Copies 9d.



AND LIKE A FLOWER, AWAKENS, REFRESHED AND CALM

*In varying dosage can produce a result ranging
from mildly sedative to powerfully hypnotic*

* TRADE MARK

PHARMACEUTICAL SPECIALITIES



(MAY & BAKER) LIMITED

For ACTIVE SERVICE PARCELS

Sell

Euthymol TOOTH PASTE

PARKE DAVIS & CO LONDON

GRAND PRIX (Highest)

A SCIENTIFIC TOILET PREPARATION

THOSE who buy gifts for men on active service think first of "quality"—only the best is good enough. Tell customers that there can be nothing better of its kind than Euthymol Tooth Paste, and they will buy from you.

Keep this P.A.T.A. line well to the front of your window and counter, and your sales of it will grow. It is an uncommonly profitable product.

**Euthymol
TOOTH PASTE**

SEND
FOR
TERMS

Show 'Elasto'—It Sells on Sight!

It's advertised as a Chemist's Line



**ONE SHILLING AND THREEPENCE PROFIT
ON EVERY SALE**

'ELASTO' Advertising is Nation-wide and Consistent. An ever-increasing demand for this product is being created at your very door; a slight effort on your part will bring this new and profitable business to your counter. A showcard or a few 'Elasto' cartons displayed in your window will bring most gratifying results. You can recommend 'Elasto' with confidence for: Varicose Veins, Bad Leg, Phlebitis, Piles, Hardened Arteries, Heart Troubles, Rheumatism, Bad Circulation, etc. A tablet Remedy, easy to handle and reliable.

Retail Price 5/- per pkt.

Subject to Purchase Tax 7½d.

Wholesale 45/- per doz.

Subject to Purchase Tax 7/6 doz.

SHOW MATERIAL GLADLY SENT FREE ON REQUEST

P.A.T.A.

The NEW ERA TREATMENT CO. LTD.

DEPT. R

CECIL HOUSE, HOLBORN VIADUCT, LONDON, E.C.1

Reckitt and Sons Hull

Owing to circumstances beyond our control there will be delay in the despatch of goods. Customers are asked to accept this notice with the assurance that every effort is being made to resume deliveries as early as possible. Our Representatives will keep in touch with the trade and supply necessary information.



Crookes' Halibut Oil

Standard Bonus Parcels

ALTERATIONS TO BONUS TERMS ARRANGEMENTS

We have pleasure in announcing that in spite of present-day difficulties bonus terms on Crookes' Halibut Oil are still available. These terms, however, will be subject to certain conditions and we ask our customers to take special note of the following:—

1. Bonus in kind will only be allowed on four standard parcels of Halibut Oil (drops and capsules), details of which are shown here. It will be possible to include two or more of the standard parcels in any one order.
2. Every order for these bonus parcels must be accompanied by CASH.

3. Orders for quantities or combinations other than those stated, and orders received without cash, will be executed without bonus in kind.

4. Bonus in kind will not be allowed on other halibut oil products (Halycalcyne, Halidexol, Halibut Ointment). We have been reluctant to change the present conditions under which we do business with our pharmaceutical friends but in view of steadily rising costs, and the fact that our prices to the public have not been raised, we hope that the terms now presented will be regarded as an adequate solution to a very difficult problem.

CROOKES' HALIBUT OIL Standard Bonus Parcels (Drops and Capsules)				
PARCEL A = 3 DOZEN	Bonus	Sell	£	s. d.
24 x 5 c.c. Drops	2	2/-	2	8 0
12 x 25 Capsules	1	2/6	1	10 0
Less 25%			3	18 0
" 10%			19	6
*Amount of cash with order			2	18 6
			5	10
			*£2	12 8
PARCEL B = 3 DOZEN				
18 x 5 c.c. Drops	2	2/-	1	16 0
18 x 25 Capsules	1	2/6	2	5 0
Less 25%			4	1 0
" 10%			1	0 3
*Amount of cash with order			3	0 9
			6	1
			*£2	14 8
PARCEL C = 6 DOZEN				
36 x 5 c.c. Drops	6	2/-	3	12 0
36 x 25 Capsules	6	2/6	4	10 0
Less 25%			8	2 0
" 10%			2	0 6
*Amount of cash with order			6	1 6
			12	2
			*£5	9 4
PARCEL D = 6 DOZEN				
30 x 5 c.c. Drops	5	2/-	3	0 0
6 x 15 c.c. " "	1	5/-	1	10 0
30 x 25 Capsules	5	2/6	3	15 0
6 x 100 Capsules	1	8/6	2	11 0
Less 25%			10	16 0
" 10%			2	14 0
*Amount of cash with order			8	2 0
			16	2
			*£7	5 10

Crookes

THE CROOKES LABORATORIES (British Colloids Ltd.) LONDON, N.W.10

Telephone: Willesden 6313 (5 lines)

Telegrams: Colloids, Harles, London

"Where's my 'TIBS' ration?" — asks Larder Guard



THE new wartime importance of cats is making people more careful of their cats' health. Owners, therefore, are more than willing to spend money on their working pets. But out of a population of ten million a large percentage of cats are still going without their 'TIBS.' Here, then, lies a market which as yet has barely been touched.

The present 'TIBS' advertising, incorporating the 'Larder Guard' theme, is creating new customers daily and as these advertisements go on so will the number of 'TIBS' buyers increase. It is advisable, therefore, that if not well stocked with 'TIBS' you make up your supplies at once.

PLEASE ACCEPT OUR APOLOGIES FOR RECENT DELAYS.

Although the stock position is now normal, there was a time recently when we could not get supplies out fast enough. There were two reasons for this. First, the demand had been so great that our stocks were exhausted. Second, we were heavily engaged on priority work and were unable to make immediate replacements. We have, however, caught up with production by now and steps have been taken to see that all future deliveries will be made by return as is our usual custom.



'TIBS' is a product of Bob Martin Ltd., Southport, Lancs.

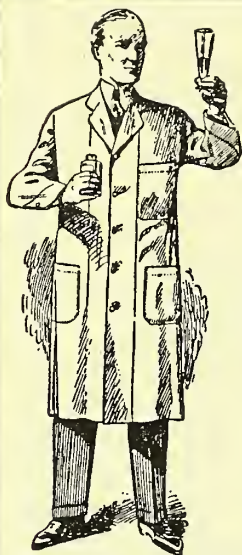
INDEX TO ADVERTISERS

Acton Pill & Tablet Co., Ltd.....	vi
Allecock Manufacturing Co., Ltd.....	14
Allen, Stafford, & Sons, Ltd.....	6
Bell, John, Hills & Lucas, Ltd.....	Leader Page
Berton, Arthur, Ltd.....	5
Boake, A., Roberts & Co., Ltd.....	Leader Page
Burgoyne Burbidges & Co., Ltd.....	i
Burroughs Wellcome & Co.....	17
Burrough, James, Ltd.....	Leader Page
Calthorpe, M., & Co.....	16
Carr, Edwards & Co., Ltd.....	16
Clinical Products, Ltd.....	iii
Cox, Arthur H., & Co., Ltd.....	Cover iv
Crookes Laboratories (British Colloids, Ltd.).....	3
Cussons, Sons & Co., Ltd.....	Cover iii
Daniel, Richard, & Son, Ltd.....	9
Duncan, Flockhart & Co.....	ii
Everett, S. & R. J., & Co., Ltd.....	14
Franks, A., & Bartlett Co., Ltd.....	8
Freudentheil, Smith & Co.....	vi
Gardiner & Co. (The Scotch House), Ltd.....	6
Graham Farish, Ltd.....	v
Griffiths Hughes, E., Ltd.....	iv
Grosse, J.....	vii
Harley, T., Ltd.....	vii
Howard, Lloyd & Co., Ltd.....	ii
Jeffreys, Miller & Co., Ltd.....	vi
Manesty Machines, Ltd.....	13
Martin, Bob, Ltd.....	4

(continued overleaf)

ARTHUR BERTON LTD.**"BRITANNIA HOUSE"****256/260 Old Street, London, E.C.1***have been, for over***90 years,***specialists in the**manufacture of***SURGICAL
DRESSINGS****RENDELLS****PRODUCTS***for Feminine Hygiene***W. J. RENDELL LTD.****HARDWICK HOUSE, 161-5 ROSEBERY AVENUE · LONDON · E.C.1.**

GARDINERS for OVERALLS



HIGH GRADE LONG OVERALL COATS

White or Khaki
Super Quality, specially shrunk

SHOP JACKETS

Super White Drill

ALPACA JACKETS

A large selection
(6 Coupons each for Jackets & Coats)
Supplied at to-day's lowest prices

Send P.C. to Department G, for illustrated list showing styles. Owing to fluctuations, goods can only be offered at ruling prices of to-day. State style required and we will gladly quote you. Cash with order, or usual trade references

Satisfaction guaranteed

GARDINER & CO. (THE SCOTCH HOUSE) LTD.
1, 3 & 5 COMMERCIAL ROAD, LONDON, E.1
OPPOSITE THE NEW ALDGATE EAST STATION

INDEX—contd.

Matthews Laboratories, Ltd.	Leader Page
Matthews, S., & Co., Ltd.	vi
McKesson & Robbins, Ltd.	14
Mehta Bros.	vi
Miner, H. C.	12
Morley Rogers & Co., Ltd.	9, v
Multishave Co.	vii
Napp, H. R., Ltd.	Leader Page
National Association of Opticians	vii
New Era Treatment Co., Ltd.	1
Newball & Mason, Ltd.	vii
Parke, Davis & Co.	Cover ii
Pharmaceutical Specialities (May & Baker), Ltd.	Front Cover
Phosferine (Ashton & Parsons), Ltd.	iv
Potter & Clarke, Ltd.	15
Reckitt & Sons, Ltd.	2
Rendell, W. J., Ltd.	5
Samona, Ltd.	iv
Saville Perfumery, Ltd.	11
Savory & Moore, Ltd.	Leader Page
Scott & Turner, Ltd.	vi
Scurr, C. A.	Col. Supp.
Simpkin, A. L., & Co., Ltd.	v
Smith, T. J., & Nephew, Ltd.	14
Splendor, Ltd.	18, vii
Suter, A. F., & Co., Ltd.	ii
Thornton & Ross, Ltd.	10
Tryst Lipstick	10
United Chemists Association, Ltd.	7
Whiffen & Sons, Ltd.	viii
Wilcox, Jozeau & Co., Ltd.	Leader Page

The Standard of Reliability

CASCARA Preparations

LIQ. EXTRACT
GRAN. EXTRACT
POWD. EXTRACT
ELIXIR

● Highest quality, prepared from well matured bark.



Stafford Allen's

STAFFORD ALLEN & SONS LTD
WHARF ROAD, LONDON, N.1 • Phone CLerkenwell 1000 (7 lines)



Although we may be unable to keep you supplied with your full requirements of UCAL PRODUCTS, you are assured that it is through no fault of ours.

Restricted supplies of raw materials—and the Limitation of Supplies Order—compel us to make drastic reductions in the quantities ordered.

We are endeavouring, however, to equalise distribution as far as possible, so that all may get a share of the lines that are available.

It is our business to see that Ucal Products must always remain the backbone of your business.

It must be remembered that with Ucal Products there can be no competition from Stores, Grocers or Co-ops.

UNITED CHEMISTS ASSOCIATION LTD.
CHELTENHAM



"Silktona"

AN ESTABLISHED SUCCESS!

... thanks to
the co-operation
of the
wholesalers

Public demand
and recognition
is **SELLING**
& **REPEATING**

Display and see
how quickly it
sells ...

Silktona is made
in one shade only

Customers can
make their own
tones.



Reduced illustration of full colour package

FIXED RETAIL PRICE 7½d. PKT.

AGENTS IN AFRICA, CANADA, EGYPT, INDIA & EIRE

Order today from your wholesaler

SOLE DISTRIBUTORS :

ALFRED FRANKS & BARTLETT CO. LTD.

Note New Address : AUDREY HOUSE, ELY PLACE

LONDON, E.C.1

TELEPHONE :
HOLBORN 1078-9

SPECIALISTS IN THE MANUFACTURE OF

TABLETS & PILLS



SINCE

1860

Also... AMPOULES · EMULSIONS · EXTRACTS
INFUSIONS · OINTMENTS · SUPPOSITORIES.
PROPRIETARY AND OWN FORMULA PILLS AND TABLETS

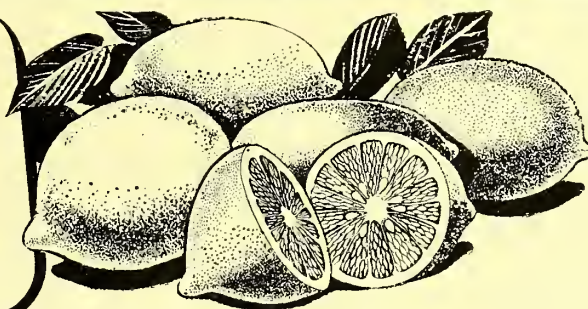
*We invite enquiries from Wholesalers and Exporters for all
classes of Pharmaceutical Preparations in bulk or packed*

RICHARD DANIEL & SON, LTD, DERBY.

TELEPHONE DERBY 3465/12

TELEGRAMS DANIA DERBY

Morley's LEMON FLAVOURING

6^D PER BOTTLE

TRADE PRICE

57/- PER GROSS

Cash with order
PACKED IN
GROSS LOTS

for all Cooking Purposes

- Guaranteed pure—replaces lemons as flavouring for all cooking purposes, i.e. custards—making puddings, blanchmanges, cakes, etc.
- Will NOT curdle milk.
- Add 3 or 4 drops or more according to taste.
- Morley's LEMON FLAVOURING is the perfect substitute wherever cooking recipes suggest flavouring by lemon rind only.
- This superior lemon substitute will quickly establish itself as a regular line.

★ DISPLAY MATERIAL
IS AVAILABLE
NATIONAL ADVERTISING
now appearing will create
a demand in your district.

Manufactured by

MORLEY ROGERS & CO., LTD., 290 KINGSTON ROAD, MERTON PARK, LONDON, S.W.

THORNTON & ROSS LTD.



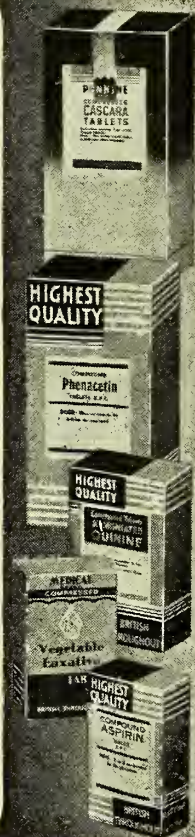
THE increasing demand for Thornton & Ross Compressed Tablets is the logical outcome of our policy of supplying only the purest products at the most reasonable prices.

In addition to the "Pennine" Brand, pharmacists are offered several attractive package designs for "Own Name" sales, which add much to good reputation.

We invite your enquiries.

THORNTON & ROSS, Ltd.
Manufacturing Chemists,
LINTHWAITE, HUDDERSFIELD

TR 69



BE PREPARED —
Your customers will demand

★ THIS IRRESISTIBLE
NEW LIPSTICK CAN
BE DELIVERED
TO YOU FROM
ADEQUATE STOCKS

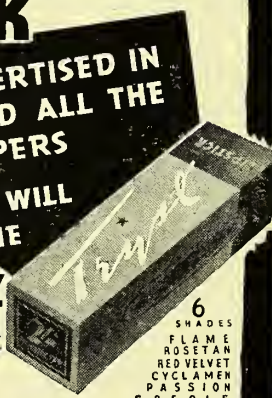
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**ASK YOUR
WHOLESALE
FOR TRYST
LIPSTICK TODAY!**

Tryst
LIPSTICK

*Tryst — IS BEING ADVERTISED IN
THE NATIONAL PRESS AND ALL THE
POPULAR WOMEN'S PAPERS
Women Everywhere WILL
WANT TO BUY Tryst IN THE
COLOURFUL REFILL PACK*

2/6
EACH REFILL



CONTAINERS ARE SCARCE—BUT SUPPLIES OF TRYST LIPSTICK ARE PLENTIFUL

“JUNE”

REGISTERED TRADE MARK

INJUNCTION GRANTED

SAVILLE PERFUMERY LIMITED *v* JUNE PERFECT LTD. and
(Plaintiffs) F. W. WOOLWORTH & CO. LTD
(Defendants)

Following an appeal by the defendants to the House of Lords, this action brought by Saville Perfumery Limited against June Perfect Limited and F. W. Woolworth & Co. Limited was heard before Viscount Maugham, Lord Russell of Kilowen and Lord Romer during November 1940.

On April 2nd, 1941, their lordships delivered a unanimous judgment imposing an injunction on the defendants June Perfect Limited and F. W. Woolworth & Co. Limited, restraining them from infringing the registered trade mark “JUNE” which is the property of Saville Perfumery Limited.

WARNING

Saville Perfumery Limited hereby give notice that in the interests of trade and public alike they will take legal action in protection of their registered trade marks to prevent any infringement.

SAVILLE PERFUMERY LIMITED.

'We all want the original Liquid Stockings'

The coupon system, plus shortage, means that millions of women will be wearing Miner's Liquid Stockings this summer, and using Miner's Seam Stik. Why Miner's? Well, first, because they're the original Liquid Stockings that had such a sensational success when they were launched. Secondly, because they're the only Liquid Stockings so blended that they live up to the claims made for them. They're matt. They stay put. They don't rub off. They don't spot. And lastly, because they've got all their own prestige, plus the well-advertised prestige of the sister-line, Miner's Liquid Make Up.

Unfortunately, we have not been able to supply Liquid Stockings direct on account of quota difficulties and the necessity of keeping up all-the-year-round supplies of Liquid Make Up, which requires similar ingredients and bottles. We are, however, supplying wholesalers to the best of our ability—so



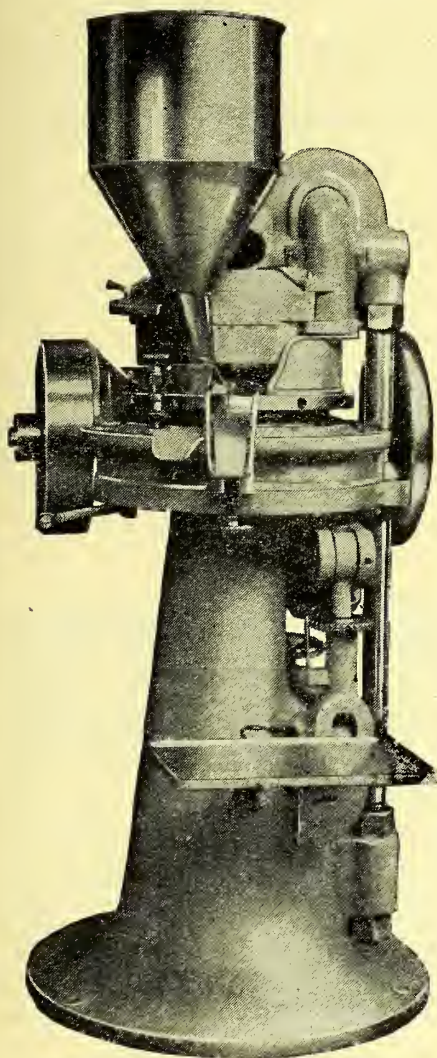
keep on asking your wholesaler for

HENRY C. MINER'S *Liquid Stockings*

In three sizes, 7½d. (trial), 1/6, 3/- (with free Seam Stik). Seam Stik sold separately 4d.
All prices inclusive of tax. * Shades: GOLD MIST, GRAPE MIST



"D3" ROTARY TABLET MACHINE



BRITISH MADE THROUGHOUT

THE Manesty 'D3' Rotary Machine has been developed from the 'D2' model, and retains the general characteristics of its predecessor but has considerable improvements.

The 'D3' Machine is fitted with 16 top punches, 16 bottom punches and 16 dies, mounted in a revolving turret. The material to be compressed is fed from an adjustable hopper into a specially designed feed frame which ensures a complete and even fill of the dies, and at the same time prevents any wastage of material.

A very important point in the operation of the Manesty 'D3' Machine is that the tablets are compressed near the top of the die. The advantages of this are threefold ; first, it assists in preventing 'capping' as the tablet is pushed only through the upper portion of the die ; secondly, less pressure is required to eject the tablet and consequently wear on punches and dies is less ; thirdly, the dies when worn at the top can be reversed and used again.

Available for belt drive or with self-contained motor drive.

Variable speed drive can be supplied if desired.

Output of Tablets—300–350 per minute.

Maximum diameter of Tablets—one inch.

All punches thoroughly protected from dust by guards.

All adjustments can be made while the machine is running.

Tablets of any reasonable shape can be made on this machine.

Please send for full particulars

MANESTY MACHINES LTD.

SPEKE HALL ROAD

LIVERPOOL, 19

Telegrams: "MANESTY" LIVERPOOL

Telephone : GARSTON 1511



CALOX

REGISTERED TRADE MARK

THE OXYGEN TOOTH POWDER
MANUFACTURED IN BRITAIN

**A tooth powder that is continually
being popularised in the National
Press**

Handy Size Tins 1/3

Family „ „ 2/5½

(Includes Purchase Tax)

McKESSON & ROBBINS LTD

Associated with McKesson & Robbins, Inc., Bridgeport, Conn., U.S.A.

EAGLE HOUSE, 90-96 CANNON STREET, LONDON, E.C.4

PHONE MANSION HOUSE 1751-2

SCAN FREED FROM LIMITATION

No restriction on supplies

Feature SCAN on your counter



YOU can now obtain Scan—the popular eye lotion in the eye-dropper tube—from your wholesaler without restriction. Each sealed tube of Scan contains sufficient sterile lotion for 50 treatments, and is packed on a striking showcard

SCAN IS A BEST-SELLER WHEN DISPLAYED

GET A SUPPLY OF SCAN FROM YOUR WHOLESALE TODAY

Elastoplast

TRADE MARK

BANDAGES & PLASTERS

**Advertised to the
Medical Profession**

T. J. SMITH & NEPHEW, LTD.

NEPTUNE ST., HULL



WHOLESALE & EXPORT ONLY

HYPODERMIC NEEDLES

OF ALL DESCRIPTIONS

**S. & R. J.
EVERETT
& CO., LTD.**

Original makers of
STAINLESS STEEL NEEDLES

OUR SPECIALITIES INCLUDE THE ORIGINAL RECORD FITTING AND N.H.I. SPECIFICATION HYPODERMIC NEEDLES.

Also the Famous 'SUMMIT' hypodermic needles now ALL BRITISH MADE.

Comprehensive catalogue sent on request.
Telephone: Thornton Heath 3252-3.

**939, LONDON ROAD,
THORNTON HEATH, LONDON, S.W.16**

An important message from 'P & C'

CONTRACTORS TO ADMIRALTY, WAR OFFICE, AIR MINISTRY, G.P.O. L.C.C. INDIA OFFICE
CROWN AGENTS FOR THE COLONIES ETC.

ALL COMMUNICATIONS TO BE ADDRESSED TO THE FIRM AND NOT TO INDIVIDUALS

TRADE MARK



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MOREHUND, MANCHESTER
A.B.C. 61/62/63/64 & 65/66/67/68

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OUR REF

ECW/MOC.

POTTER & CLARKE LIMITED

Drug Merchants Manufacturing Chemists

Growers & Importers of Herbs Roots Barks etc.

60 62 & 64 ARTILLERY LANE
LONDON, E.1.



TELEPHONE:
LONDON BISHOPSGATE 4761
(5 LINES)
MANCHESTER BLACKFRIARS 8734

MANCHESTER
77 DANTZIC ST.
MANCHESTER, 4

1st August, 1941

TO ALL OUR CUSTOMERS.

AS FROM AUGUST 5th we shall not be supplying any lines which bear a Patent Medicine Stamp.

We suggest that Customers should order any urgent requirements from their Wholesalers and thus help them to reduce their stocks of stamped lines.

On and after August 18th these lines will be supplied unstamped, but Customers are reminded that these may not be sold until after September 2nd.

Yours faithfully,

Potter & Clarke Ltd.

POTTER & CLARKE LTD
LONDON AND
MANCHESTER



RETAILS AT
6d.
PER PACKET

The contents of each Packet makes 4 delicious drinks. ORENGE, ready sweetened, can be used for cooking purposes.

TRADE PRICE **57/-** PER GROSS

NET CASH WITH ORDER

Telephone
REGent 1123/4

Wholesalers' Terms on application.

MANUFACTURED BY CARR, EDWARDS & CO., LTD., HEDDON HOUSE, 149-151 REGENT STREET, W.1

FOR QUICK TURNOVER & good profits

"VIRONITA"
The Great HEALTH BUILDER

SELLS AT SIGHT
WELL ADVERTISED
ATTRACTIVE TERMS

IRON
GLUCOSE
PHOSPHORUS
HERBS

VIRONITA
The Great
IRON TONIC WINE
NON ALCOHOLIC

ATTRACTIVE DISPLAY MATERIAL FROM
M. CALTHORPE and CO.
NORTH BRITISH BUILDINGS
EAST PARADE, LEEDS, I.

THE ART OF DISPENSING

(NEW EDITION. 552 PAGES)

Re-written, completely revised, freshly illustrated, enlarged and thoroughly up-to-date in every detail.

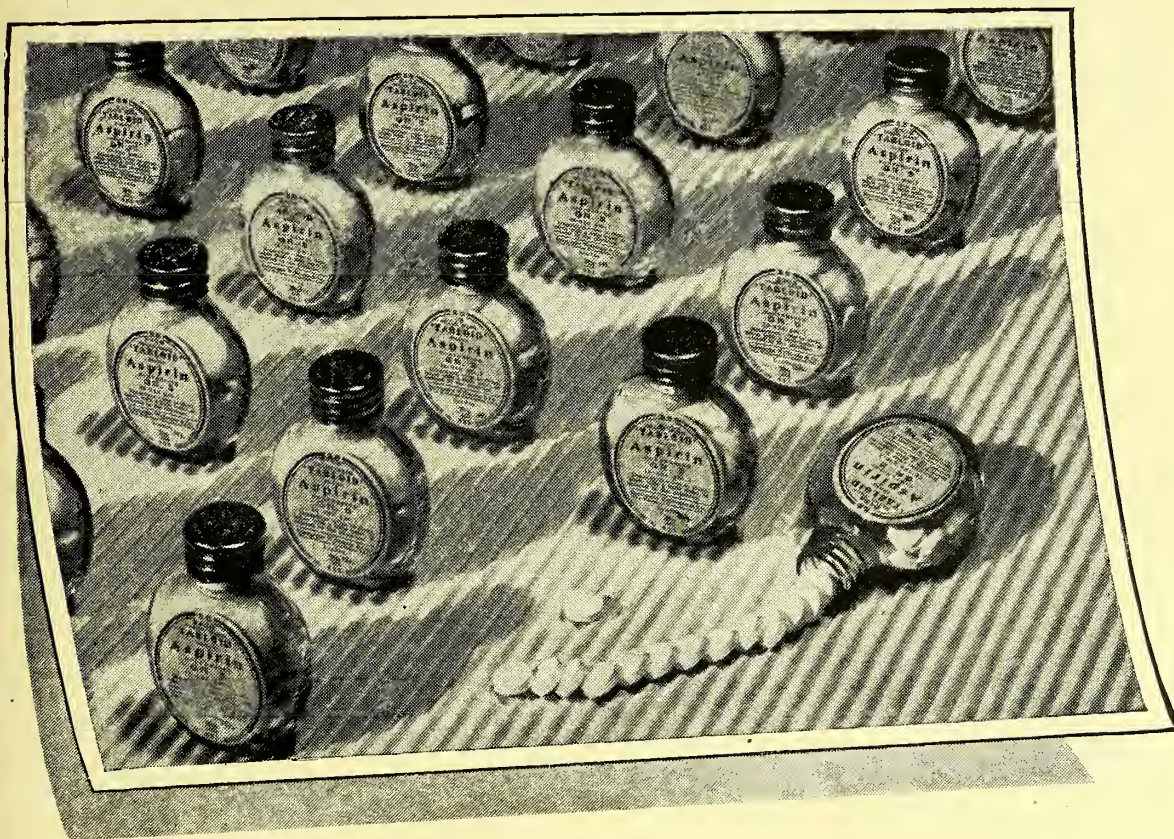
This book—the recognised authority on the subject—is an essential part of the equipment of every dispensary. It simplifies the many problems which so frequently arise during the day's work at the dispensing counter. Compiled by professional experts for the use of the Craft—this is a book which every Pharmacist **must** possess.



PRICE 10/6 11/- Post Free

You can order direct from your usual Wholesaler or direct from the Publisher

THE
CHEMIST AND DRUGGIST
THE PITMAN PRESS, BATH



Essentials of an efficient ASPIRIN

- ★ Its effective action must be rapidly attained.
- ★ It must be prepared with acetylsalicylic acid of a very high standard of purity.
- ★ The degree of compression must be such as to ensure a product of the highest pharmaceutical elegance which will not immediately crumble in the mouth—yet will allow of rapid disintegration in the stomach.
- ★ It must be sufficiently robust to withstand handling and transport.
- ★ It must be:—

TRADE
MARK

'TABLOID'

BRAND

ASPIRIN

Gr. 5 compressed products in bottles of 25 and 100

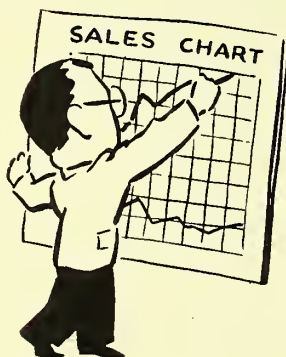


BURROUGHS WELLCOME & CO.
(THE WELLCOME FOUNDATION LTD.)
LONDON

Now the NATION'S on it's TOES

- greater than ever DEMAND for CRO★PAX CORN CAPS

The sales of CRO-PAX Corn Caps soar and soar. The reason—the PRODUCT is PERFECT. The profit on CRO-PAX daily moving sales means bigger immediate returns for you.

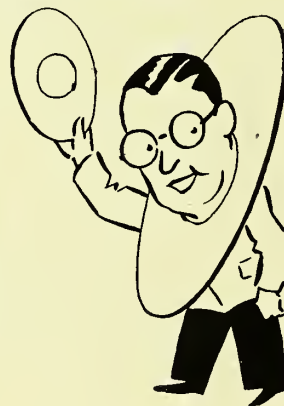


Why are CRO-PAX the biggest—quickest selling lines?

CRO-PAX bring perfect foot comfort to millions. Apart from year after year established sales, the widest National Advertising Campaign—covering 20,000,000 readers a week—brings new business.

It's Hats Off to all Foot Troubles

Every sale of CRO-PAX brings further sales. Recommendations by purchasers have built up Nation-wide sales of CRO-PAX. Remember there are also CRO-PAX Foot Aids for foot ailment.



Start a Real Foot Aid Department

Sounds a big proposition—but so easy with CRO-PAX Corn Caps and 28 other CRO-PAX lines—each of which brings daily sales. The one big profitable line which is not affected by the Limitations of Supplies Act, Class 16.

Step in Right Away to Big Profits

CRO-PAX are sound sales because the attractive packing draws attention to the quality of the product. Display the attractive carton illustrated in your window and on your counter.



SPLENDOR LIMITED

Beastmarket Hill
NOTTINGHAM

7 Lower Belgrave St., S.W.1
LONDON

Quick Sales

Display CRO-PAX. Start your own Foot Aid Department—so easy with CRO-PAX. Full list and full sales terms on application.



Quick Profits

Write for sale lists and trade terms. Also details of special sales offer.

The CHEMIST AND DRUGGIST

For RETAILER — WHOLESALE — MANUFACTURER

Published Weekly at

28 ESSEX STREET, STRAND, LONDON, W.C.2

Telegrams: "Chemicus, Estrand, London"

Telephone: Central 6565 (10 lines)

Emergency Address: THE PITMAN PRESS, LOWER BRISTOL ROAD, BATH

Telephone: Bath 5492

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NEWS OF THE WEEK

Leeds Golf.—The annual competition for the Bowman cup will be held at Scarcroft Golf Course, on Wednesday, August 6. The competition is open to all members of the Leeds Branch of the Pharmaceutical Society.

Redirection of Communications.—Parcels and telegrams addressed to business or residential premises rendered uninhabitable or inaccessible in consequence of enemy action are to be redirected by the Post Office free for a period of six months. Free redirection will be allowed even if the addressee moves to a third address. If "bombed out" again, a fresh six months' limit will apply. The concession will also apply in cases where compulsory evacuation has been ordered.

Tar-oil Analysis Specifications.—The Ministry of Agriculture and Fisheries has issued, as Bulletin No. 122, "Specifications and Methods of Analysis for Tar Oil in Winter Washes" (H.M. Stationery Office, price 6d.). The bulletin is a 22-pp. 8vo. booklet, and gives determinations of the tar-oil wash contents of neutral oil, tar bases and phenols, distillation range of neutral tar oil, and stability of undiluted and diluted washes, the methods for miscible tar-oil winter washes being repeated for stock-emulsion tar-oil winter washes.

Prices of Goods Act Prosecution.—Martin Burns, Ltd., chemists, Charing Cross Road, London, W.C., were summoned at Bow Street Police Court, on July 22, for overcharging for a 1 lb. tin of Nivea face cream. Mr. Symmonds, prosecuting for the Board of Trade, said the cream was included in the preparations covered by the Prices of Goods Act, 1939. Traders were not permitted by the Act to put up prices of certain goods unless they could justify under a number of headings that the cost to themselves had been increased. The pre-war price of 1 lb. tin of Nivea cream was 4s. 3d., and with the purchase tax of 11d. it should have been sold at 5s. 2d. A young woman assistant at St. Bartholomew's Hospital was charged 7s. 6d. and she reported the matter. The cost price was 2s. 9d. The managing director of the company produced the till roll for the date of the purchase and said there was no trace of any payment of 7s. 6d. on that day. The company regretted that the purchaser had been unable to identify the salesman. The magistrate, Mr. McKenna, said he was satisfied that an irregular price was charged and imposed a fine of £10 with £7 7s. costs.

N.P.U. Speaker in North London.—Mr. H. Noble (barrister-at-law) addressed the July meeting of the Southgate and Wood Green Division of the North London Pharmaceutical Association on "Current Topics and the Future." He dealt first with the position that will be created by the Pharmacy and Medicines Bill. He stressed the need for the most wholehearted support of the C.F. Scheme as the sheet anchor for the pharmacist in his fight against the pernicious results of this "questionable piece of legislation," and suggested that manufacturers and wholesalers should be approached with a view to putting a ban on the opening of businesses in the vicinity of the pharmacies closed through enlistment; this co-operation ultimately being extended to ensure that products were kept within pharmacy at every stage of manufacture and distribution. Comments on the extension of the National Health Insurance benefits to the £400 class, indicated that little extra business may result as the estimated extra turnover will be in the region of £3 per pharmacy per annum. While it is not expected to interfere with the sale of proprietary articles, it is likely that the amount of "private" dispensing will fall. In the discussion that followed members expressed concern at the failure to bring N.H.I. dispensing fees into line with present-day overheads incidental to the war. In order to maintain the services, it is estimated that pharmacists have locked

up half a million pounds in reserve supplies of drugs, on which no profit is earned and on which war-risks insurance has to be paid twelve times a year. Summing up, Mr. Noble appealed for 100 per cent. support for every effort that had as its objective "Pharmacy for the pharmacist," stressing that continued progress can only be achieved by the progressive action of pharmacists themselves.

Inquest.—An inquiry was held at Esher, Surrey, on July 28, into the circumstances attending the death of Mrs. Marjorie E. Fellowes, who was found strangled. Dr. J. H. Riffel, Home Office analyst, said that in Mrs. Fellowes's organs he found 40 grains of veronal, equal to eight tablets. Within five hours of taking that quantity Mrs. Fellowes would have been in a deep coma and incapable of manipulating the stocking or tightening it in any way. A verdict that deceased was murdered by some person or persons unknown was returned.

Salford Analyst's Report.—The annual report for 1940 of the City Analyst of Salford records that during the year 1,344 samples under the Food and Drugs Act were taken in the City of Salford, 139 in the Borough of Eccles, and 169 in the Borough of Stretford. Fertilisers and Feeding Stuffs Act samples numbered ten, and Pharmacy and Poisons Act samples four. Drug samples taken in Salford included ten for sedlitz powders, of which three were adversely reported on (white packet of extra strong powders found to contain 13.6 per cent. excess of tartaric acid; powder sold in two white packets, one of which contained cream of tartar and sodium bicarbonate instead of Rochelle salt and sodium bicarbonate; and blue packet showing 20 per cent. excess of sodium bicarbonate). The packers were requested to take greater care, and the owner of the chemist's business in which the two white packets had been dispensed, and not sold pre-packed, gave an undertaking to this effect. A sample of malt extract with cod liver oil was found to contain 15.4 per cent. v/v of cod liver oil but only 3.7 per cent. of proteins due to malt; the retailer has taken the matter up with the suppliers. A fine of £3 had been inflicted on a chemist as a result of proceedings taken when informal and formal samples of glycerin of borax, both dispensed by the proprietor, were found to be 74.2 and 77.5 per cent. deficient in borax. A sample of Indian brandy submitted by a private purchaser was found to contain 55.4 per cent. v/v of alcohol, 10.6 per cent. of total solids including extractives from rhubarb and a trace of ethyl nitrite. The sample had been in stock several months, and the analyst's comment was "analytical figures . . . indicated that it consisted of Indian brandy which was poor in ethyl nitrite content, but no evidence was found of any unusual ingredient likely to cause illness." Three samples of iodine paint and two of iodine ointment were adversely reported on. Five samples of compound syrup of figs were regarded as having unsatisfactory labels.

SCOTLAND

D. and P. Prices Increased.—Developing and printing prices have been increased as follows: Developing spools, 9d.; all prints, ½d. above previous prices.

Death of Representative.—Mr. H. S. Tweedale, who represented Cooke, Tweedale & Lindsay, Ltd. (essences, colours and essential oils), 76 City Road, Manchester, 15, in Scotland, passed away at his home address recently.

Duncan Memorial Medal.—This award, which is presented to the best pharmacy student of the year at Heriot-Watt College, Edinburgh, has been awarded to John W. Mainland, St. Margaret's Hope, Orkney, who served his apprenticeship with Mr. D. M. Wright, Kirkwall.

PARLIAMENTARY NEWS

Research Affecting Chemists.—The Lord President of the Council (Sir John Anderson) informed Captain Plugge on July 17 that the Scientific Advisory Committee had taken steps to consult with the representatives of chemists on matters affecting their interests, but could not say whether the British Association of Chemists or Institute of Chemistry had as such been taken into consultation.

Workmen's Compensation for Non-manual Workers.—Mr. T. Smith asked the Home Secretary on July 3 whether, in view of the decision to raise to £420, as from January 1 next, the income limit for compulsory health and pensions insurance, he would take steps to increase the income limit under the Workmen's Compensation Act for non-manual workers. Mr. H. Morrison replied that the Government had decided to include in the Bill dealing with health and pensions insurance a provision to amend the definition of "workman" in the Workmen's Compensation Act so as to include non-manual workers whose remuneration did not exceed £420 a year.

Concentration of Production.—Mr. Rhys Davies asked the President of the Board of Trade recently whether steps were being taken to prevent machinery rusting or being sold for scrap; and whether anything was being done to make it possible for factories now being closed to restart operations at the close of the war.

Captain Waterhouse: I would refer the hon. Member to paragraph 9 of the Explanatory Memorandum on the Concentration of Production (Cmd. 6258). It is there stated that one of the conditions which a nucleus firm must satisfy is that it must provide for the plant of the closed firm to be kept intact, unless the premises should be requisitioned. A register of firms who are parties to concentration arrangements is being kept, and the Government departments concerned will take all measures open to them to assist the speedy reopening after the war of firms closed as a result of these arrangements.

Small Traders and Rationed Goods.—Mr. Isaacs asked the Parliamentary Secretary to the Ministry of Food in a written question on July 23 whether he was aware that the Order that prohibits the supply of rationed goods to shopkeepers with less than twenty-five registered customers also deprives them of customers for other commodities, and whether he will reconsider the Order. After referring the questioner to a previous reply, Major Lloyd George stated that there was a keen demand for most types of unrationed food, and he saw no reason to suppose that that demand would be prejudiced by a withdrawal of rationed foods.

In replies to various oral questions connected with the same subject, Major Lloyd George gave the following information: There are approximately 270,000 shops engaged in the distribution of rationed foodstuffs. The food executive officers have now been given discretion to review any individual case in which they consider that the rule requiring a minimum of twenty-five registrations would cause special hardship to the public or to the trader concerned. The Parliamentary Secretary said he could not accept the view that any genuine food shop would be forced to close, but there was evidence that some retailers had obtained registrations with the sole object of securing rationed food for themselves, their families and friends on wholesale terms, and he saw no reason why this abuse of the rationing system should be allowed to continue.

On these grounds, no modification of the Order was contemplated.

TOPICAL REFLECTIONS

Finishing Touches.—By reading your lengthy account of debates on the Pharmacy and Medicines Bill in the House of Commons (pp. 38-45) and your lucid comment on them (pp. 47-48), we can form a fairly exact estimate of the final shape of this controversial measure. With moderate satisfaction it may be noted that some of the suggestions made in *THE CHEMIST AND DRUGGIST* since the Bill was introduced have been adopted—for instance, the re-modelling of clause I (1) (a) (p. 38) and a provision controlling the supply of samples of proprietary medicines (p. 40). On the other hand, it is regrettable that some of the speakers proved to be imperfectly acquainted with the positions they were discussing, and that the rights of herbalists occupied a disproportionate amount of parliamentary time. As the debates proceeded, it became evident that the official policy was, in general, to insist on the letter of the bond or bargain previously made between the interests chiefly concerned, and save for drafting amendments to reject all attempts to vary it. The final remark of the Minister of Health (p. 45), "We shall have to see how this Act works out and, in the light of that, see what other steps are required for the public health," may be read as indicating a possible sequel to the new Act at a date convenient to the Government, a sequel likely to be evolved either at the Ministry or in the office of the British Medical Association.

Shortage of Supplies.—The Council of the Proprietary Articles Trade Association, a body not usually regarded as aggressive, has been making representations to the President of the Board of Trade, and is communicating with members of its own manufacturing section, concerning the prevalent shortage of supplies (p. 36). While we all realise that limitations of raw materials and of finished products are inevitable, no organised trade is prepared to accept without question the irruption of persons who think

they see opportunities for a picking without the preliminary labour of establishing a business connexion. Such persons are not likely to worry much about price agreements: they are more likely to become candidates for the P.A.T.A. Stop List, and in due course to disappear from one district and reappear in another. The members of the Association will undoubtedly support any effort its Council makes to curtail, and if possible to end, the unwelcome activities of these intruders.

John Rutherford Hill.—The announcement of Mr. Rutherford Hill's death and the tributes justly paid to his work (pp. 48-50) bring to mind many meetings of the British Pharmaceutical Conference at which his genial presence was an asset. Endowed with a strong personality combined with a thorough grasp of the problems with which he had to deal, he was an ideal secretary. The reference at his farewell function in 1936 to the value to the Pharmaceutical Society's North British Branch of "the irrefutable logic he used to Mr. Carteighe on the occasion of the great leader's visit as president" was well deserved, for it is not a great secret that Mr. Carteighe, then in the fifth year of his autocratic presidency, had gone to Edinburgh with the intention of laying down the law in unmistakable terms, but had to give way to the well-considered opinion of the Society's resident secretary, who had only recently been installed in office. It may be said that much of Mr. Hill's work was routine. If I had to advise a beginner in any vocation, I should lay stress on acquiring a sound routine: nothing, in my experience, is more important in one's daily work than to be sure of a method that quickly puts every new demand in its proper relation to the rest. That, backed by the well-tried principle "to be rather than to seem," which our friend exemplified, is not a bad equipment for a useful career.

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COMPANY NEWS

P.C. means Private Company and R.O. Registered Office

COMFY PRODUCTS, LTD. (P.C.).—Capital, £100. Objects: To carry on business as manufacturers of and dealers in sponge bags, toilet requisites, etc. The first directors are to be appointed. R.O.: Room 377, 329 High Holborn, London, W.C.1.

R. E. GORE & CO., LTD. (P.C.).—Capital £500. Objects: To carry on business as manufacturers of and dealers in patent medicines and foods, chemicals, drugs, etc. Rose E. Gore, 46 Hazel Tree Road, North Watford, Herts, and Harry E. Stayne, 362 Finchley Road, London, N.W.3, directors.

GIBSON DIXON, LTD. (P.C.).—Capital, £2,500. Objects: To carry on business as consulting, analytical, manufacturing and general chemists, opticians, etc. Gibson Q. Dixon, M.P.S., 3 Craven Place, and Kenneth Gibson Dixon, M.P.S., 156 Green Park Road, Halifax, directors. R.O.: 8 Old Market, Halifax.

LIFTON'S CHEMICAL CO., LTD. (P.C.).—Capital, £500. Objects: To carry on business as manufacturers of and dealers in chemicals, disinfectants, perfumes, toilet requisites, etc. Leslie and Cecilia Lifton, both of 35 Brunswick Square, Hove, directors. R.O.: Unity Works, 31 Finchley Lane, London, N.W.4.

PRODUCTS DEVELOPMENT, LTD. (P.C.).—Capital, £2,000. Objects: To carry on business as manufacturers of and dealers in chemicals, drugs, dyestuffs, pharmaceutical preparations, etc. The first directors are to be appointed. Solicitors: Linklaters & Paines, Granite House, Cannon Street, London, E.C.4.

A. I. D. FOOD, LTD. (P.C.).—Capital £500. Objects: To carry on business as manufacturers of chemical preparations, essences, etc. Herbert J. Nias, Aysgarth, College Road, Isleworth, Alice Cole, 106 Hounslow Road, Whitton, and Millicent V. J. Perrett, 120 Rosemary Avenue, Hounslow, directors. R.O.: 215 High Street, Hounslow, Middlesex.

SILKTONA, LTD. (P.C.).—Capital, £1,000. Objects: To enter into an agreement with Norman V. Lundie, 13 Lord Street, Southport, for the right to use the trade mark Silktona (No. 612,500), and to carry on business as sole agents for and dealers in Silktona toilet preparations, etc. Norman V. and Mary Lundie, directors. R.O.: 20 Berry Street, Liverpool.

APPLICATION FOR DISCHARGE FROM BANKRUPTCY.—George Green M.P.S., trading as J. W. Rogers, at 15 Friar Street, Reading; discharge granted on June 19 and suspended for two weeks.

CREDITORS' MEETINGS.—Final meetings of members and creditors of Photo Trading Co., Ltd., will be held at 93 Queen Street, Sheffield, 1, at 11.30 a.m. and 12 noon respectively on August 15.

VOLUNTARY WINDINGS-UP.—At a meeting of Sodax (1939), Ltd., on July 17, it was resolved that the company should be voluntarily wound-up; Mr. J. L. Vann, 6 Wardrohe Place, Doctors' Commons, London, was appointed liquidator. A meeting of British Natural Resins, Ltd., on July 16, resolved that the company should be voluntarily wound-up; Mr. F. J. Thompson, Carlisle House, 8 Southampton Row, London, W.C.1, was appointed liquidator. It was resolved at a meeting of A. C. Olds & Co., Ltd., on July 17, that the company should be voluntarily wound-up; Mr. H. O. Johnson, 3 Wood Street, Bath, was appointed liquidator.

PRICE PROTECTION BY LIMITED LICENCE

THE Court of Appeal (Master of the Rolls and Lords Justices Clauson and du Parc), on July 25, allowed the appeal of Gillette Industries, Ltd., from the judgment of Mr. Justice Bennett in an action the company brought against M. Alpert, Green Street, Bethnal Green, London, E., and Central Agencies, of Fleet Street, E.C., for injunctions restraining the selling of the appellants' razor blades in breach of the limited licence on the carton of the packet containing the blades.

Mr. Trevor Watson, K.C., for the appellants, explained that before Mr. Justice Bennett (*C. & D.*, May 17, p. 299) there was a consolidated action against the respondents mentioned and others. In the case of Alpert and Central Agencies (the latter being the trade name of one Solomon) the judge dismissed the action, holding that there was no proof that they knew, when they bought the blades, of the condition printed on the packet that they must not be retailed except under the conditions shown in the makers' current price list or on the makers' current cartons. The judge said that if a man bought a packet of blades and his attention was not called to what was printed on the bottom of the packet at the time he made the purchase, and he did not read the notice until after the sale, then he was not bound by the conditions imposed by the patentees.

The Master of the Rolls: Was it proved that the conditions on the carton ever came to the respondents' notice?—No. The Master of the Rolls: The notice on the packets refers to the makers' current carton. If you assume that a person bought a lot of loose blades, in order to find out what the retail price conditions are he would have to get hold of a current carton or a current price list. Do you say that, having that warning, if he chooses to sell at below the fixed price without troubling to look at the price list or carton he is still infringing your patents?—Mr. Watson: Yes. He submitted that the law went much further than Mr. Justice Bennett had stated it in regard to notice of conditions of sale, and that one could bring to the notice of a purchaser with whom the seller was not in contractual relations imposed conditions by notices on such packages as were "exhibits" in this case.

The Master of the Rolls observed that if a person, in buying an article, had to refer to another document to discover the conditions under which the article was sold, where was it going to end?

Mr. G. S. W. Marlow (who was with Mr. Watson) made a number of legal submissions and analysed the evidence. He said his case was that the respondents knew at the time of purchase that there was a condition attaching to the re-sale of the blades, and that they deliberately re-sold because they said they understood that the patent was invalid.

There was no appearance for the respondents.

The Master of the Rolls, giving judgment, said Mr. Justice Bennett refused the relief the appellants asked for on the strict ground that they had not established that the respondents knew at the relevant time of the restrictive condition as to price. The first question in the appeal related to that matter, and the second related to the judge's refusal to grant a certificate of validity of the patents.

"The law relating to the obligations of purchasers where a patentee has imposed a condition as to user is quite clear, for present purposes," he said. "Mr. Marlow tried to establish the proposition that knowledge of the restrictive condition at the time of purchase by the respondents of the goods which they subsequently re-sold was not essential. Without going into the cases that have been cited it seems to me to be established that in order to succeed in a claim of this kind the burden lies on the patentee to show that the defendant had had brought to his notice the restrictive condition relied upon at the time when he acquired the goods, and that it is not sufficient to show that that condition came to his knowledge in the interval between his acquisition of the goods and his disposal of them. Not only does it seem to me that that matter is not settled but also it appears to me that the knowledge at that moment of time is the only relevant knowledge for this purpose, once the principle upon which the person who acquires the patented article is affected by the restrictions is appreciated."

But the question whether there was knowledge in the respondents at the relevant time was one of fact, his Lordship went on, and that knowledge might be inferred from the evidence as a whole. In this case there was evidence which the judge did not mention in his judgement and could not have had in mind. It was of this nature: It appeared that last summer all the defendants in the consolidated actions went in a body to see the appellants' representatives, and on the testimony of those representatives it appeared

that their spokesman, Mr. Bernstein, said on their behalf that they had been misled into the belief that the patents were invalid, and that they could not contest the case, and could they be let off as lightly as possible? They admitted that they knew they were on dangerous ground in selling at a reduced price, but that they thought they "could get away with it."

In those circumstances, said his Lordship, the inference could properly be drawn from that evidence that it amounted to an admission that at the date of purchase the defendants knew of the restrictive conditions. The appeal therefore should be allowed on that point.

With regard to the claim for a certificate of validity of the patents, his Lordship said this was not a case where the jurisdiction of the court should be exercised to grant it.

Lord Justice Clauson, concurring, said a rather loose practice had grown up of granting these certificates on evidence on which there had been no cross-examination, and on which all material points had not been thoroughly canvassed. Lord Justice du Parc also agreed. The appeal was allowed, and an injunction granted against the respondents.

LEMON SUBSTITUTE

AT Norman Cross (Hunts), recently, Peterborough Co-operative Society were summoned for selling an article of food the label of which was calculated to mislead as to the nature, substance and quality, at Fletton, on May 27. Mr. Wheeler, prosecuting, said that an inspector under the Food and Drugs Act bought from defendants three bottles of lemon substitute on which was a label describing it as "Victoria Highly Concentrated Lemon Substitute—Use on all occasions in place of lemon. One teaspoonful with five of water equals the juice of one lemon." The inspector paid 2s. 1½d. for the three bottles, and submitted samples for analysis. The public analyst had certified that the concentrate was only about one-third as strong as it appeared to be from the label, and that it needed at least three teaspoonfuls of the mixture to make the equivalent of the juice of one lemon. Dr. S. Greenberg, public analyst, said the preparation contained 12.23 per cent. of citric acid, 0.86 per cent. of phosphoric acid, a trace of colouring matter and the rest was water. Vitamin C was absent. One teaspoonful of the preparation contained only 0.55 grams of citric acid, whereas natural lemon juice contained 1.89 grams. Dr. Hunt, defending, said: There was no basis on which to start in defining a lemon or a small lemon. The preparation was a lemon substitute; it could be a completely different substance, as saccharin tablets were a substitute for sugar. It was never pretended that the lemon substitute was of the nature, quality or substance of lemon juice, or that it contained the constituents of lemon. Mr. F. A. Lyne, B.Sc., F.I.C., said he accepted the analysis given. The important point in a substitute was to simulate the flavour. Phosphoric acid was a mineral acid, and replaced a large quantity of citric acid, the deficiency referred to by Dr. Greenberg. Mr. G. A. Brooks, M.P.S., superintendent chemist to the society, produced the preparation which he called a substitute for lemon juice flavour, made without citric acid. If the substitute contained the same ingredients as the original article it would not be a substitute. It would be the original thing. The Chairman said there was just an element of doubt in the case, which would therefore be dismissed.

NO-STOCKING COSMETICS.—A "bare leg beauty bar," at which women can have their legs sprayed with sun-tan lotion, was opened at a Croydon store recently.

VENTILATION IN THE BLACK-OUT.—A leaflet bearing this title has been issued by the Ministry of Home Security (H.M. Stationery Office, price one penny). The leaflet deals with domestic windows, and is illustrated with diagrams. The publication is of special interest in view of the approaching end of double summer-time.

SUGAR SUBSTITUTE.—The Cheshire county analyst reports that there appears to be a tendency for manufacturers to use saccharin as a sweetening agent in bun and cake flour, etc. In this connexion test samples of a "Sweetened bun flour," a "Liquid sweetener" and a "Sweetener" were purchased all of which contained undeclared saccharin. Although it is doubtful, the report continues, whether there is any legal compulsion to declare the presence of saccharin it is felt that its presence in any article of food should be brought to the notice of the public.

WAR-TIME COSMETIC FORMULAS

X.—Deodorants

Physiology of Perspiration.—The skin of human beings is provided with two kinds of glands, the sebaceous glands, which secrete an oily, semi-fluid substance, and the sweat glands, which secrete sweat. The latter are of two types, the eccrine and apocrine glands, which differ in structure, distribution and secretion. The eccrine glands, which occur in most parts of the body, are the true sweat glands and discharge their secretion on to the skin surface. This secretion consists mainly of water, salts, and other water-soluble substances. The apocrine glands, which develop at puberty and are confined to certain areas of the body, discharge their secretion into the hair follicles. These glands secrete water-soluble substances, fatty and nitrogenous substances, and cellular products. In adults, the sweat glands are most numerous on the palms of the hands and soles of the feet, less numerous on the head and still less on the trunk. The principal physiological purpose of sweating is the regulation of the temperature of the body, evaporation of sweat resulting in loss of body heat. Other important functions of the sweat glands have become recognised in recent years, among which are removal of lactic acid from the blood following exertion, maintenance of the elasticity of the skin, etc. Sweat is controlled by the central nervous system and among its causative factors the most important is exposure to heat, when the perspiration takes place over the whole body surface, except the palms of the hands and soles of the feet. Sweat is also induced by sensory or emotional factors, in which cases it only occurs on the palms of the hands, soles of the feet, and in the armpits. The amount of sweat secreted by normal individuals varies according to the governing factors, such as physical exertion, temperature and humidity of surrounding atmosphere. In less humid conditions, the process of sweating continues imperceptibly, but when the atmosphere is very humid—especially where there is considerable physical activity—the sweat secreted collects on the skin in droplets. Opinions vary concerning the amount of sweat secreted, but one recent estimate puts the average figure at 40 c.c. per kilogram per hour for a normal resting man. As regards the reaction of sweat, according to one authority this is normally acid, that of males being on the average pH 6.14 and that of females pH 6.57. In conditions other than normal, for example, during heavy exertion, the reaction may change to slightly alkaline. The odour of perspiration varies with different individuals and in different parts of the body, but its offensive odour is usually due to the decomposition of fatty acids of low molecular weight, which takes place on the skin after secretion. Apart from the normal physiological process of sweating, there are several disorders of the sweat glands, which result in excessive perspiration or offensive smelling perspiration, etc.

Perspiration Remedies.—Of the numerous preparations marketed as deodorants, there are two main classes, (a) those which absorb and deodorise the perspiration; (b) those which are intended to control the secretion of perspiration. Preparations which merely cover the odour of perspiration should be avoided. Deodorant cosmetics can be offered in the form of powder, cream or lotion, and the ingredients of each type are fairly numerous. Thus, for

powders, chalk, talc, boric acid, zinc oxide and stearate, kaolin magnesium carbonate, and peroxides of zinc and magnesium, have been used. Some of these act simply by absorbing the sweat, e.g. talc and kaolin, others, e.g. chalk, zinc oxide and peroxide, react with it chemically, while others are antiseptic, preventing the growth of the skin bacteria responsible for the decomposition of the sweat constituents. Sodium hexametaphosphate has also been used in powder form, as well as in solution, with considerable success in controlling excessive perspiration. Deodorant pastes act in a similar way and can be made with various cream bases, incorporating some of the foregoing substances. Certain of the fatty bases used in such creams are also able to take up the fatty acid compound of the sweat, and assist in the deodorising action. Deodorant which are intended as anti-perspirants should have astringent properties, so that the perspiration can be reduced in the area of application. The main effect of such preparations is the coagulating effect on the skin. In formulating deodorant preparations, care should be taken that the astringent ingredients are not present in quantities which would produce any irritation of the areas treated. Among the several substances used in anti-perspirant preparations are the aluminium salts, formalin, boric and benzoic acids, zinc sulphocarbolate, hexamine, *p*-hydroxybenzoic esters, etc.

Formulation.—In preparing deodorants, the powders will probably be the simplest to compound, use being made of several of the absorbent and antiseptic powders mentioned above, i.e. talc, kaolin and chalk, as the base, with the addition of smaller quantities of zinc oxide and stearates. As regards deodorant lotions, the favourite ingredients are the aluminium salts, most of which are difficult to obtain at the moment. Of these the chloride and sulphate are perhaps the most commonly used, in spite of certain well-known disadvantages, and although supplies are curtailed from certain sources, small quantities may be available on inquiry. The position of supply of the acetate is not so difficult, but this salt should be used sparingly on account of its acetic odour. Aluminium sulphocarbolate has also been used with considerable success as an astringent and odourless deodorant. Small supplies may be obtainable on inquiry. The acetotartrate is also recommended in these lotions. Where it is desired to use an aluminium salt, and supplies are difficult to obtain, some compounds will be able to prepare their own salts from alum or aluminium hydroxide. The addition of a small amount of boric acid is advocated in solutions of aluminium salts to prevent the precipitation of the latter. Glycerin and alcohol in small amounts can also be included in addition to the perfume. Deodorant creams can be made with a base of either a vanishing cream type or the greasy type. For the former, glyceryl monostearate is a useful ingredient and the cream is made in a similar way to vanishing cream. When glyceryl monostearate is used, an anti-perspirant substance should be used that will not break down the cream. Such substances as titanium dioxide or hexamine are used in these creams. In the case of creams made with a petroleum or other greasy base, anti-perspirants such as zinc oxide, magnesium carbonate, can also be used. Creams of the latter type are made by mixing the solid ingredients to a smooth paste with the greasy base and are slightly perfumed.

DEODORANT POWDERS

1. Sodium perborate	15
Zinc peroxide	10
Talc	100
2. Salicylic acid	1.3
Boric acid	20.0
Zinc oxide	90.0
3. Zinc peroxide	32
Boric acid	20
Talc	48
4. Zinc oxide	20
Zinc peroxide	10
Zinc stearate	10
Boric acid	20
Talc	40

Perfume the above powders as required.

DEODORANT LOTIONS

5. Sodium perborate	5.0
Sodium bicarbonate	1.0
Glycerin	0.5
Rose water	93.5

6. Aluminium chloride	12
Boric acid	2
Formalin	1
Spirit	5
Water	80
Perfume	as required
7. Aluminium acetotartrate	8
Glycerin	5
Eau de Cologne	20
Water	67
8. Aluminium sulphate	20
Glycerin	3
Water	77
Perfume	as required

DEODORANT CREAMS AND PASTES

9. Glyceryl monostearate	15
Titanium dioxide	1
Soft paraffin	3
Beeswax	2
Formalin	1
Water	78

Heat all the ingredients except the formalin and stir until a smooth cream is formed. Add the formalin when cool.

10. Glyceryl monostearate	20
Hexamine	3
Glycerin	10
Water	67
11. Boric acid	10
Magnesium stearate	10
Zinc oxide	10
Magnesium carbonate	5
Soft paraffin	65
12. Boric acid	10
Zinc sulphocarbolate	2
Zinc stearate	19
Kaolin	3
Glycerin	22
Talc	5
Water	39

Perfume the above creams as required.

Dissolve the zinc sulphocarbolate in a little water. Dissolve the boric acid in the rest of the water and the glycerin. Add the solution slowly to the mixed powders. Add the perfume when cool.

TRADE NOTES

DELAYS IN DISPATCH.—The announcement that present conditions make it impossible to ensure dispatch of all goods ordered is made in this issue by Reckitt & Sons, Ltd., Hull, who are making every effort to resume deliveries as early as possible.

RAW MATERIAL SHORTAGE.—Although shortages of raw materials make it impossible for Burgoyne, Burbidges & Co., Ltd., London, E.6, to meet in full all the requirements of chemists, they announce that every endeavour is being made to effect a fair distribution; their services are now rapidly returning to normal.

ARRANGEMENTS POSTPONED.—A. L. Simpkin & Co., Ltd., manufacturing chemists, Sheffield, 6, inform chemists that all previously advertised arrangements for national distribution of their products are postponed for two weeks to cover holidays and factory overhaul (August 2 to 17 inclusive) and to ease strain caused by insufficient raw materials and staff shortage.

LEMON FLAVOURING.—A lemon flavouring for all cooking purposes is manufactured by Morley, Rogers & Co., Ltd., 290 Kingston Road, Merton Park, London, S.W.1. Described as the perfect substitute where recipes suggest flavouring by lemon rind only, Morley's lemon flavouring can be used with milk without causing it to curdle. National advertising is being undertaken.

BANK HOLIDAY CLOSING.—The Buckley-Bowker Tablet Co., Ltd., is closing its offices and works from Friday afternoon, August 1, to Wednesday morning, August 6.—The office and warehouse of Bayer Products, Ltd., will be closed from 5 p.m. on Friday, August 1, until 8.30 a.m. on Tuesday, August 5. During this period supplies may be obtained from John Bell & Croyden, 50 Wigmore Street, W.1, or R. Woolby Brooke, 38 Gloucester Road, S.W.7.

DELIVERIES RESUMED.—By reason of heavy demand, coupled with deficiencies in supplies of rubber rings and loss of output due to enemy action, many retailers have been unavoidably disappointed in deliveries of Snap vacuum closures. Graham Farish, Ltd., the makers, Bromley, Kent, state that deliveries will, in the near future, be both speedy and complete. They point out that there remains a long and intensive bottling period ahead for tomatoes, pears, plums, apples, loganberries and blackberries.

Business Changes

MR. T. F. BINGHAM, M.P.S., opened a pharmacy at the Mile Cross Estate, Norwich, on July 19.

COTY (ENGLAND), LTD., announce that all correspondence to them should be addressed to 41 High Street, Leighton Buzzard, Beds.

Proprietary Articles Trade Association

Alterations to Protected List.—*Armour & Co., Ltd.*, Glycerin extract of red bone marrow, 8-oz., 6s. 9d., 6os. 9d. doz., tax 10s. doz., inclusive retail price 7s. 7d.; 16-oz., 12s. 3d., 11os. 3d. doz., tax 18s. 2d. doz., inclusive retail price 13s. 9d., less 1 per cent. for cash in ten days. Prices of 4-oz. size are unchanged.—*The Middlesex Laboratory of Glandular Research, Ltd.*, Juvigold gland tonic (liquid and tablets), 3s., 27s. doz., tax 4s. 6d. doz., inclusive retail price 3s. 5d.; 5s., 45s. doz., tax 7s. 6d. doz., inclusive retail price 5s. 7d.; 12s., 108s. doz., tax 18s. doz., inclusive retail price 13s. 6d.—*Moore Medicinal Products, Ltd.*, Vydryn pocket inhaler, 17s. 6d., 11s. 8d. each; Vydryn home inhaler, 25s., 16s. 8d. each. Manufacturers state that these inhalers are exempt from purchase tax.—*Parke, Davis & Co.*, Dibexin capsules, 25s., 5s. 6d., 46s. 6d. doz. Exempt from purchase tax. These prices also apply to Ireland (Eire).

TRADE-MARK APPLICATIONS

The figures in parentheses refer to the classes in which the marks are grouped. A list of classes and particulars as to registration are given in "The Chemist and Druggist Diary and Year-Book," 1940, p. 275.

(From "The Trade Marks Journal," July 2, 1941)

- "LOGANITE"; for chemical substances for use in enriching and in economising fuel, etc. (1) (IV). By Loganite Holdings, Ltd., 124-8 Grand Buildings, Trafalgar Square, London, W.C.2. 613,410
- "FLARREX"; for industrial, scientific, photographic, agricultural chemicals, etc., and fire-extinguishing compounds (1) (IV). By Selmer Chemical Co., 1 Newton Street, London, W.C.2. 614,501
- "VELVA"; for toilet preparations (3) (IV). By E. Arden, Ltd., 5 Cork Street, London, W.1. 612,130 (Associated).
- "MAID MARIAN"; for toilet preparations, perfumery, cosmetics, etc. (3) (IV). By G. & W. Collins, Ltd., 23-49 Tontine Street, St. Helens, Lancs. 614,815.
- "MINTOSIL"; for a mint-flavoured medicated preparation for treatment of indigestion, etc. (5) (IV). By T. & H. Smith, Ltd., Blandfield Chemical Works, Wheatfield Road, Edinburgh, 11. 613,801.
- "VITAPAX"; for medicines (5) (IV). By Clinical Products, Ltd., 2 The Green, Richmond, Surrey. 613,952.
- "OSTOMALT"; for medicinal preparations containing extract of malt and vitamin concentrates (5) (IV). By Glaxo Laboratories, Ltd., Greenford, Middlesex. 614,854 (Associated).
- "TONODINE"; for pharmaceutical preparations (5) (IV). By J. W. Simpson (Chemist), Ltd., Iodine House, Bartlett's Passage, Fetter Lane, London, E.C.4. 614,890.
- "CELLOFORM"; for surgical supports and appliances, models of parts of human body, etc. (10) (IV). By Celloform, Ltd., Browell's Lane, Feltham, Middlesex. 614,519.

MARRIAGES

FORSYTH—PAGE.—At St. Barnabas Church, Epsom, on July 5, Alexander Forsyth, B.Sc., M.P.S., 21 St. James's Square, London, S.W.1, to Olive Mary Page, Fairlawn, Epsom.

LOYD—HILLIS.—At Ulsterville Presbyterian Church, Belfast, on July 21, William Leonard Johnson Lloyd, L.P.S.N.I., 4 Rodney Street, Portrush, to Margaret Lottie Hillis, Belfast.

MUNRO—THOMSON.—At the North Church, Aberdeen, on July 14, James Smith Munro, M.P.S., 156 Union Grove, Aberdeen, to Isabel Thomson, 77 Stanley Street, Aberdeen.

DEATHS

ALEXANDER.—Recently, Mr. Isaac Alexander, M.P.S., 12a Moorfields, Liverpool. Mr. Alexander qualified in 1913.

HAMPSHIRE.—At Llandrindod Wells, on July 20, Mr. Frederick William Hampshire, chairman and managing director of F. W. Hampshire & Co., Ltd., manufacturing chemists, Sunnydale, Derbyshire, aged seventy-eight. Mr. Hampshire was a vice-president of the University College Hospital, trustee and member of the Management Committee of Derbyshire Hospital for Women, and a vice-president of Derby Y.M.C.A. During the 1914-18 war he founded and edited "Le Courier Belge," which was the means of providing news to the Belgian refugees in this country.

HUNTER.—At Carlisle, recently, Mr. John Hunter, M.P.S., aged seventy-seven. Mr. Hunter was apprenticed with the late Mr. Joseph Wilson, Penrith. In 1891 he went to Carlisle to begin business on his own account, and at one time had two branch shops. He had few interests outside his profession, but for three years, from 1905 to 1908, he was a member of the City Council. He was also chairman of the Carlisle Liberal Club from 1905 to 1910. Mr. Hunter is survived by a son and daughter. The former, Mr. John Douglas Hunter, M.P.S., has been associated in business with his father since 1908. His other son, Mr. Richard Ivan Hunter, was killed in the 1914-18 war.

SCORGIE.—At Paisley, recently, Mr. Alexander Scorgie, M.P.S., 12 High Street. Mr. Scorgie passed the Pharmaceutical Society's Minor examination in 1902.

SPENCE.—At 21 Lee Crescent, Portobello, Edinburgh, on July, 21, Mr. Thomas Spence, M.P.S. Mr. Spence, who qualified in 1897, had been in business at 168 High Street, Portobello, for seventeen years.

WOLFF.—At Richmond, Uplands Road, Saltford, Somerset, on July 22, Mr. Hugo Wolff, M.P.S., a former member of the Council of the Pharmaceutical Society of Great Britain. Mr. Wolff qualified in 1902, and a few years later established himself in business at Tottenham, London, N. In 1910 he joined the Glaxo department of Joseph Nathan & Co., Ltd., and later became a director of Glaxo Laboratories, Ltd., when the company was formed; he also became a director of Joseph Nathan & Co., Ltd., positions from which he resigned in March 1941. Mr. Wolff was greatly interested in the betterment of pharmacy, and with this object in view was a member of the Pharmaceutical Council from 1918 to 1924. He was also a past-chairman of the North London Association, a member of the Middlesex Insurance Committee, and secretary of the Middlesex Pharmaceutical Committee from 1914 until 1940. Cremation took place privately at Bristol on July 25.

RECENT WILLS

MR. HENRY MASTERMAN, 2 West Crescent, Darlington, Durham, chemist, who died on April 15, left £1,154 gross, with net personality £227.

MR. WILLIAM GREAVES, 171 Ashgate Road, Chesterfield, retired chemist, who died on January 18, left £10,539, with net personality £6,013.

MR. WILLIAM MCCALLISTER, 153 Tempest Road, Lostock, Bolton, chemist and druggist, who died on April 3, left £15,806, with net personality £15,262.

MR. WILLIAM BEVERIDGE, M.P.S., 55 The Ridgeway, Gunnersbury Park Acton, London, W., who died on March 5, left £2,632, with net personality £1,703.

MR. ANDREW CARLISLE MCBRIDE, Ph.C., Upper English Street, Armagh, who died on September 25, 1940, left estate in Great Britain and Northern Ireland valued at £1,746.

MR. WILLIAM ARTHUR BINGHAM, M.P.S., 112 Charminster Road, Bournemouth, who died on October 20, 1940, left estate of the gross value of £3,124, with net personality nil.

MR. JOHN WILLIAM BLADGEN, M.A., Ph.D., Loughton, Essex, a director of Howards & Sons, Ltd., Ilford, who died on November 28, 1940, left £31,886, with net personality £29,838.

ALDERMAN THOMAS RIDLEY, J.P., chemist and druggist, 18 Scotland Road, Stanwix, Carlisle, a former mayor of Carlisle, who died on March 5, left £6,366, with net personality £4,273.

MR. JAMES PINKERTON GILMOUR, 96 Hillway, Highgate, N., late editor of the "Pharmaceutical Journal," who died on March 10, left estate of the gross value of £446, with net personality £126.

MR. WILLIAM CHARLES TINDALL PATERNOSTER, The Thatch, Chesterton, Cirencester, retired chemist, who died on January 23, left estate of the gross value of £2,857, with net personality £750.

MR. FREDERICK EARLY TOZER, 1 Grecian Crescent, Upper Norwood, London, S.E., retired chemist, who died on September 15, 1940, left estate of the gross value of £4,561, with net personality £3,475.



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ENGLISH HERB CROP REPORTS

Joseph W. Seymour.—Peppermint and dill are both fair crops, only needing favourable weather.

Duncan, Flockhart & Co.—Owing to the severe winter, and the late frosts experienced this year, growth in general has been retarded. In spite of these difficulties, however, crops are now flourishing, and the harvest, though from four to five weeks late, should be above average. **BELLADONNA.**—This suffered from the late frosts, but has made an excellent recovery and should crop well. **DIGITALIS.**—Also suffered from the late frosts, but is now growing well and shows promise of a good harvest. **HENBANE.**—Second biennial plants have suffered severely from frost; the first-year plants are in good condition, and should crop above normal. **STRAMONIUM.**—In excellent condition, with robust plants that should crop well. **VALERIAN.**—In good condition; harvest should be above normal. **ACONITE.**—An average crop.

Potter & Clarke, Ltd.—This year English herbs will be of good quality but poor quantity: prices will be at an advance on account of the higher costs of labour and fuel. About a month ago the season appeared to be promising but, although we had good rains in June, the very dry weather setting in afterwards has not given the plants an opportunity to grow. Good crops: Dandelion, burdock, nettle, comfrey, wormwood, tansy and clary sage. Poor crops: Coltsfoot, agrimony, wood sage, centaury, parsley, piert, peppermint. Short crops: Rue, motherwort, hyssop, southernwood, scullcap; these were affected by the cold spell in April and May, and will be much scarcer than last season. All crops are remarkably free from blight. Pennyroyal, marshmallow and horehound will be short: the foreign-grown have previously been sold at such low prices that cultivation has been reduced. **Chamomile Flowers.**—The bulk of supplies previously obtained from Belgium and France have been cut off and only limited supplies of English will be obtainable. **Culinary herbs.**—**Parsley.**—Very bad indeed, and will be scarce if the dry weather continues. **Sage.**—The first-cut seems fairly satisfactory; if we get rain there should be a good season. **Mint.**—Fair crop; plants appear quite healthy. **Tarragon.**—Good. **Thyme and marjoram.**—Have been unremunerative for years, owing to the low price of the foreign article; a very small crop is available.

Closed on Saturdays.—Advertisers and subscribers are reminded that owing to war conditions the Head Office of THE CHEMIST AND DRUGGIST, 28 Essex Street, London, W.C.2, is closed on Saturdays until further notice. All urgent instructions relating to advertising and subscriptions should be sent to the C. & D., c/o The Pitman Press, Bath, Somerset.

THE CHEMIST AND DRUGGIST

ESTABLISHED 1859

for RETAILER — WHOLESALER — MANUFACTURER

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Official organ of The Pharmaceutical Society of Ireland, The Pharmaceutical Society of Northern Ireland, The Chemists' and Druggists' Society of Ireland and of other Chemists' Societies in the Empire

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CONTENTS

	PAGE		PAGE
Company News	56	Miscellaneous Inquiries	64
Correspondence	64	News of the Week	55
Deaths	59	Parliamentary News	56
Editorial Articles:—		Price Protection by Limited	
"A Remarkable Piece of		Licence	57
Legislation"	61	Recent Wills	59
A Costly Collection	61	Topical Reflections	56
Location of Industry Re-		Trade Marks	59
striction	61	Trade Notes	59
English Herb Crop Reports	60	Trade Report	62
Lemon Substitute	57	War-time Cosmetic Formulas	58
Marriages	59		

"A Remarkable Piece of Legislation"

As our readers are aware from the report published in the late news in the C. & D. last week (Coloured Supplement, p. xv), the Pharmacy and Medicines Bill passed its Third Reading in the House of Commons on July 22. Since then the Bill has also passed the First Reading in the House of Lords. It may be taken as certain that the Bill will receive the Royal Assent in the near future and that few, if any, further changes will be made. The final stages in the Commons were important as witnessing the addition of three new clauses dealing respectively with the enforcement of certain sections by the Pharmaceutical Society, the power of the Statutory Committee over corporate bodies, and (consequent upon the latter) the exercise of jurisdiction by the Statutory Committee. Of the several amendments, the one moved by Mr. Ernest Brown (the Minister of Health) concerns all branches of the drug trade, dealing as it does with disclosure of the formula. The Minister gave an admirable explanation of the ways in which disclosure may be made.

Members of Parliament, or at least the majority of those who took part in the debates, are evidently of the opinion that they have assisted to the Statute Book what was characterised by Sir Francis Fremantle as "a remarkable piece of legislation." The same member, during the discussion on the disclosure of the composition, said: "We were afraid that the proprietary trade might object to this quantitative statement, and I think it is to their credit that they met the Minister in this respect and agreed to the provision." This graceful compliment would be particularly appreciated by certain members of the House, but it is perhaps unfortunate that, as a member of the medical profession, Sir Francis was not more familiar with the position that has been brought about in recent years as a result of the destamping of proprietaries. In view of the secret negotiations that have been going on and the agreements arrived at, it was perhaps scarcely possible for members who are also pharmacists to oppose the Bill, but they seem to have been strangely lacking in applying correctives to the erroneous opinions apparently held by a number of their fellow-members.

We quite agree with the description of the Bill as "a remarkable piece of legislation"—but not for the reasons given by the user of the phrase. The amendment of the Pharmacy and Poisons Act, 1933, was the subject of a "straw" vote by THE CHEMIST AND DRUGGIST (February 15, p. 97) which revealed that of the twenty councillors of the Pharmaceutical Society who replied ten were definitely against, none in favour and ten indefinite. Then came the letter from the Home Secretary and the Council's opposition seems to have collapsed like a house of cards. The contents of that communication have not been divulged, and many members of the Society have inquired as to its nature. Unless there is a really good reason for secrecy we think the letter should have been sent to the pharmaceutical Press for publication. The Society was charged by Parliament with carrying out the provisions of Part I of the Pharmacy and Poisons Act, 1933, and as it was endeavouring to do

so in an impartial manner there would seem to be no reason why a Minister in a democratic government should adopt an autocratic attitude. Were any of the pharmacists in the House acquainted with its contents? We had reason to expect that the letter would be referred to in the course of the debate in the Commons, but nothing transpired that in any way revealed its purport.

It will be interesting to learn the views of the Pharmaceutical Council and of the Executive of the National Pharmaceutical Union on this legislation in its final form. The former body is to have its statutory powers extended and the organisation required to carry out the new duties will certainly leave less accommodation for potential tenants in the Brunswick Square building when it is completed. In view of the National Pharmaceutical Union's last-minute effort at amending the Bill (with the clause proposed by Sir Dymoke White), it is clear that its Executive is not altogether satisfied, or at least that matters have not gone "according to plan." The outcome, so far as pharmacy is concerned, is debatable. The view has been expressed in some quarters that pharmacy's leaders are taking the long view, but this will afford little consolation to the pharmacist who finds two vendors of proprietary medicines competing with him where formerly there was only one. Moreover, long views have a habit of changing their appearances when seen from close to. It may even be found that the whole profession requires reorganising, but one of the first things that is necessary is an adequate and up-to-date public relations department. Pharmacy's case has never been adequately presented. If it had, we might now be recording a stride forward in public health organisation rather than just "a remarkable piece of legislation."

A Costly Collection

IN a letter printed in the "Daily Telegraph" on July 16, Mr. W. O. James, whose views on the collection of medicinal herbs are entitled to respect because he writes from the Department of Botany, Oxford University, records his experience that, through neglect of precautions in picking and carting, more than half the material sent in to him for drying has been useless. As the writer points out, the collection of medicinal herbs can be made the occasion for a pleasant country outing, health-giving to the collectors quite apart from any ultimate benefit to the sick, but that collection without provision for proper drying is labour lost. Foxglove leaf was the drug to which Mr. James was specifically referring but, as has recently been emphasised in these columns, similar difficulties present themselves in connexion with the collection of many other medicinal herbs in the list published by the promoters of the national scheme for the collection of wild plants. Collectors who received preliminary instruction on methods of packing and transport to the drying centre sent in material which proved to be "in good condition," but the "loss of time and useless rifling of the foxglove population" by ignorant collectors are rightly deplored. Should the percentage of useful material not rise far above the 50 per cent. mark, collection of wild plants, even in war-time, will remain extravagant and unprofitable. Clearly the collectors should be organised into parties, and with each party should be at least one person able to give assistance in recognition and subsequent handling. For this work pharmacists, with their training in botany and pharmacognosy, are admirably adapted.

Location of Industry Restriction

THE Control of Factory and Storage Premises, which was set up by the Board of Trade to co-ordinate the requirements of all Government departments for factory and storage accommodation and to ensure that these requirements are met with a minimum of disturbance to other essential production, is now in operation, and is consulted by all Government departments and local authorities before premises are requisitioned or otherwise taken over by them. It has been decided to extend this control to the use of premises by private firms, and an Order—The Location of Industry (Restriction) Order, 1941—has now been made and will come into operation immediately. The Order (S.R. & O., 1941, No. 1,100) provides that no person may, without a licence issued by the Board of Trade:—

(1) Carry on at any factory or warehouse having an area of 3,000 or more feet super any trade or business not carried on there previously or

(2) Carry on at other premises having an area of 3,000 or more feet super, whatever their previous use, a business of production or storage.

The Order does not apply to shops or to new buildings and a general licence is being issued providing for the use of premises for temporary storage purposes without a specific licence. Special consideration will be given to applications by firms dispossessed by enemy action or through other causes outside their control, to use alternative premises in the immediate vicinity of their former place of business.

TRADE REPORT

Spot quotations recorded for pharmaceutical chemicals, crude drugs and essential oils represent the prices for wholesale quantities of standard quality. C.i.f. quotations do not include marine war risk insurance and other abnormal charges payable in the present emergency

28 Essex Street, W.C.2, July 30

IN normal times, as August approaches there is usually a considerable slowing-down of business on the London drug markets. This year, however, there is no evidence of the traditional lull, and merchants and brokers are carrying on as usual. Business on the whole is fairly good, and conditions are quite steady. Perhaps the most interesting development of the week has been the freezing of Japanese assets in Great Britain, the United States and Empire territories by joint Government declarations, with the result that no business can now be carried on with Japanese interests unless a special permit is obtained. Action on somewhat similar lines has been taken by the Netherlands East Indies Government. The effect of these new measures on the London markets will probably be negligible, because practically no business has been done with Japan for over a year, owing to the fact that payment was required in advance of shipment. Chinese products, however, are considerably firmer, in view of the possibility of difficulty with shipments from that country. Among the PHARMACEUTICAL CHEMICALS the tone in most products continues steady. BARBITONE and its sodium derivative are both very firm. Demand for BISMUTH continues about average, and makers' prices are unchanged. COCAINE SALTS are steady at the recent advance. PHENACETIN and PHENAZONE are firmly held. SULPHONAL is likely to become rather dearer.

Crude Drugs

Business in these commodities has been on a fair scale, with most of the orders coming from the consuming trades. Several price movements are noted, mostly in an upward direction. The small remaining stocks of unrestricted AGAR have again attracted a good deal of demand, and further sales have been made at the figures quoted last week. No forward offers of new-crop CURAÇAO ALOES have been received. The tendency for ANTIMONY ore prices to rise is not yet reflected in the value of the metal. BALSAMS are quoted at steady figures. Stocks of BENZOIN are difficult to replace, on account of lack of freight from origin. Spot values of BUCHU are a shade lower, but shipment is unchanged. There are still no new-crop offers of CASCARA SAGRADA. CLOVES is now steady. HYDRASTIS is dearer. The shipment price of MATTO GROSSO IPECACUANHA shows an advance; Minas is dearer on spot and forward offers are difficult to obtain. Dealers are asking rather more for LOBELIA HERB. Forward offers of Chinese MENTHOL are understood to have been withdrawn, owing to the difficulty of obtaining freight. It is reported that prices of PEPPERS are likely to be controlled; values have declined during the week. Dealers report a good inquiry for RHUBARB. Reports from the source indicate that the SENECA crop will be small, the reason given being shortage of labour. SHELLAC is quiet. Quotations for the medium grades of TRAGACANTH have advanced.

Essential Oils

The products of this market have sold steadily in limited quantities at prices mostly unchanged from those noted last week. ANISE (STAR) remains in restricted supply and replacements are not likely to be available for some time. BAY is quoted steady. BOIS DE ROSE is at the higher level noted last week. AMERICAN CEDARWOOD would now be worth a few pence more per lb. on spot. Values of English-made CLOVE are steady. LEMON-GRASS is dearer on spot. Spot supplies of LIME are restricted and high prices are ruling. The value of MANDARIN remains a matter for negotiation. No further advance is recorded for Californian sweet ORANGE; spot prices of other grades would have to be negotiated. It is becoming increasingly difficult to find sellers of Chinese PEPPERMINT, and the sustained demand is difficult to meet. WORMSEED in small supply is quoted by dealers at the increased prices recorded last week.

Exchange Rates on London.—The following are the principal rates of exchange at the opening on July 30: New York, 4.03 dollars (Bank of England fixed rate); Madrid, 40.50 pesetas (official) and 46.55 pesetas (voluntary); Lisbon, 100 escudos (Bank of England fixed rate); Zurich, 17.35 francs (Bank of England fixed rate); Shanghai, 38d. (per dollar); Stockholm, 16.90 kroner (Bank of England fixed rate).

Pharmaceutical Chemicals

BARBITONE.—Dealers are firm in their views, quoting from 30s. to 33s. per lb., according to quantity. For SODIUM BARBITONE, about 32s. to 35s. per lb. would be required.

BORAX.—B.P. powder is quoted by makers at £35 10s. per ton, and crystals at 10s. per ton less, in one-cwt. bags, carriage paid in Great Britain, for minimum one-ton lots.

BORIC ACID.—Makers quote powder, B.P., at £52 10s. per ton and crystals at £51 10s. per ton, in one-cwt. bags, carriage paid in Great Britain, for minimum one-ton lots.

CITRATES.—Moderately active, with makers' prices steady: POTASSIUM, B.P., 28 lb., 2s. 5d.; 14 lb., 2s. 6½d.; 7 lb., 2s. 7½d.; 4 lb., 2s. 9½d.; under 4 lb., 3s. per lb. SODIUM, B.P., one penny per lb. below, and IRON AND AMMONIUM (SCALES), B.P., threepence per lb. over above prices. Packages extra.

GUAIACOL CARBONATE.—Some interest is being shown in this product, supplies of which are fair. Values are steady at about 12s. 6d. to 13s. per lb., according to quantity. CRYSTALS.—Steady at around 12s. 6d. to 13s. per lb., according to quantity.

HEXAMINE.—Dealers quote free-running crystals at about 2s. 3d. per lb., with other grades at lower prices.

MAGNESIUM CARBONATE.—The official price for heavy remains at 106s. per cwt., and for light at 77s. 6d. per cwt.

MAGNESIUM TRISILICATE.—Makers' prices steady at the recent advance. Not less than 1 cwt., 2s. 7d. per lb.; 28 lb. and less than 1 cwt., 3s.; 14 lb. and less than 28 lb., 3s. 1½d.; 7 lb. and under 14 lb., 3s. 2½d.; 4 lb. and under 7 lb., 3s. 4½d.; 1 lb. and under 4 lb., 3s. 7d. Packages extra and returnable.

MORPHINE.—Makers have advanced their prices as follows:—ALKALOID. TARTRATE and MECONATE: ½ oz., 43s. 3d.; 1 oz., 40s. 9d.; 2 oz., 39s. 3d.; 3 oz., 38s. 6d.; 4 oz., 38s. 3d. per oz. ACETATE, HYDROCHLORIDE and SULPHATE: ½ oz., 36s. 3d.; 1 oz., 33s. 9d.; 2 oz., 32s. 3d.; 3 oz., 31s. 6d.; 4 oz., 31s. 3d. DIACETYLMORPHINE, PURE: ½ oz., 52s.; 1 oz., 49s. 6d.; 2 oz., 48s.; 3 oz., 47s. 3d.; 4 oz., 47s. DIACETYLMORPHINE HYDROCHLORIDE: ½ oz., 43s. 3d.; 1 oz., 40s. 9d.; 2 oz., 39s. 3d.; 3 oz., 38s. 6d.; 4 oz., 38s. 3d. ETHYLMORPHINE, PURE: ½ oz., 48s. 3d.; 1 oz., 45s. 9d.; 2 oz., 44s. 3d.; 3 oz., 43s. 6d.; 4 oz., 43s. 3d. ETHYLMORPHINE HYDROCHLORIDE: ½ oz., 39s. 3d.; 1 oz., 37s. 3d.; 2 oz., 35s. 9d.; 3 oz., 35s.; 4 oz., 34s. 9d. CODEINE ALKALOID: ½ oz., 43s. 3d.; 1 oz., 40s. 9d.; 2 oz., 39s. 3d.; 3 oz., 38s. 6d.; 4 oz., 38s. 3d. CODEINE PHOSPHATE: ½ oz., 36s. 3d.; 1 oz., 33s. 9d.; 2 oz., 32s. 3d.; 3 oz., 31s. 6d.; 4 oz., 31s. 3d. per oz.

PHENACETIN.—Small supplies are firmly held by dealers at around 10s. 6d. to 12s. per lb. Makers' prices are unchanged.

PHENAZONE.—Values are firm, with supplies rather restricted. Dealers would require around 18s. 6d. to 23s. 6d. per lb., according to quantity.

QUININE.—The sterling price for sulphate, based on American dollars, remains at £14 17s. 5d. per 100 oz., f.o.b. Java.

SACCHARIN.—Convention rate remains at 98s. 4d. per lb. for 550 material, duty paid. Neither wholesale nor retail prices are officially controlled.

SALICYLIC ACID (B.P.).—Makers' quotations steady: 5 cwt., 1s. 8d. per lb.; 1 cwt., 1s. 8½d.; 28 lb., 2s. 0½d., in 28 lb. parcels; 14 lb., 2s. 6½d.; 7 lb., 2s. 7½d.; 4 lb., 2s. 9½d. Can be assorted with sodium salicylate.

SALOL.—Small supplies are available from dealers at about 8s. to 8s. 6d. per lb., according to quantity.

SULPHONAL.—Firm and showing an upward tendency. Dealers' prices range from 34s. to 37s. 6d. per lb., according to quantity.

Crude Drugs

ACONITE ROOT.—Indian, if available, would be worth around 1s. 7d. per lb. on spot.

AGAR.—A moderate spot business has been done in unrestricted material at 23s. per lb., with possible further small supplies at this figure.

ALOE.—New-crop offers for CURAÇAO have not yet been received; spot, nominal owing to lack of supplies. Cape, spot, about 55s. to 57s. 6d. per cwt., ex store.

ANTIMONY.—Ore prices are tending to rise, but so far producers have not further increased the price of the metal. Current prices are as follows: English regulus, £102 10s. per ton, delivered, for minimum 99 per cent.; foreign regulus, £93 per ton, duty paid; Chinese, nominal.

ARNICA FLOWERS.—First-hand supplies are exhausted, and no quotations are available.

BALSAMS.—Steady at last week's figures. Tolu, about 8s. 6d. per lb.; Canada, approximately 7s. 9d. per lb.; Copaiba, B.P., about 3s. 6d. per lb., if available; Peru, 7s. 3d. and 7s. 6d. per lb.

BELLADONNA.—Forward quotations for Indian root and leaves are at about 350s. per cwt., c.i.f.

BENZOIN.—Remains in good inquiry, with spot holders asking from £6 to £7 per cwt., ex store. There are no indications of any freight being available from Sumatra.

BISMUTH METAL.—Steadily quoted at one dollar 25 cents per lb., for minimum 5-cwt. lots.

BUCHU.—Quiet, with spot quoted slightly lower on the week. Spot, about 3s. 1d. to 3s. 3d. per lb. for good green rounds; shipment, new-crop, unchanged at about 2s. 7½d. per lb. for f.a.q.

CANPHOR.—A good demand is being received, but there appears to be practically nothing left on spot. Slabs, if available, would be worth approximately 5s. 4d. per lb., nominal, and flowers, about the same figure. Orders for further supplies cannot be met until freight becomes available. Makers of English refined have advanced their prices, as follows: Flowers, one cwt., 7s.; 28 lb., 7s. 3d.; less than 28 lb., 7s. 6d. per lb. Transparent tablets, 4-oz.: one cwt., 7s. 6d.; 28 lb., 7s. 9d.; less than 28 lb., 8s. per lb.

CANTHARIDES.—The spot value of Chinese would now be about 7s. to 7s. 3d. per lb.

CARDAMOMS.—In quiet demand at steady prices. Spot, Bombay seed, about 5s. 5½d. per lb.; Mangalore seed, 5s.; Aleppy greens, 5s. 3d. per lb.

CASCARA SAGRADA.—Forward offers of new-crop peel are not forthcoming. Spot values remain in the region of 140s. per cwt. upwards, according to age of bark.

CHILLIES.—Steady at former rates. Mombasa, spot, 165s. per cwt., sellers; Sierra Leone, 160s.; and Sudan, 155s., duty paid.

CLOVES.—Steady, with Zanzibar quoted on spot at 2s. 1d. per lb., nominal; shipment, grade 2, nominal. Madagascar, unquoted.

COLOCYNTH.—Sellers of fine white pulp are difficult to find. Spot value, available, would be in the region of 3s. 6d. per lb.

DAMIANA LEAVES.—The position here is unchanged, quotations being minimal in the absence of supplies.

DANDELION ROOT.—Indian, spot, in small supply, about 155s. per cwt.

DERRIS ROOT.—Steady consuming demand; values unchanged. Spot, per cent. rotenone, about 1s. 3d. per lb.; slightly lower, about 1s. 2d. per lb.; 18 per cent. ether extract, tested, about 1s. per lb.

DRAGON'S BLOOD.—Spot market firm, with quotations for re-boiled at the higher level of £30 per cwt. noted last week.

ERGOT.—Remains quiet, with spot steady at between 9s. and 9s. 6d. per lb. Forward prices of new-crop Portuguese are at about 6s. 6d., c.i.f.

GAMBOGE.—Little is available on spot, and quotations are nominal at about £30 per cwt. Forward offers from Siam are unobtainable.

GINGER.—Unchanged. West African, spot, 170s. per cwt., sellers; loaf, 150s., c.i.f. Cochín, unwashed, afloat, 140s., c.i.f.

GUM ACACIA.—Kordofan cleaned sorts, spot, about 150s. per cwt., minimal; shipment, about 54s. per cwt., c.i.f. Bleached, spot, from 300s.

HENBANE.—Forward quotations for Indian are at about 350s. per cwt., c.i.f.

HONEY.—Maximum c.i.f. prices per cwt. paid by importers are as follows: Produced in Canada, 65s.; in any British Dependency in the West Indies (including British Honduras), 65s.; Australia, 65s.; New Zealand, 6s.; Tanganyika, 45s.

HYDRASTIS.—Dealers' prices are again at slightly higher levels. Tested, spot 22s. per lb.; untested, about 20s. per lb.

IPECACUANHA.—Quiet. Matto Grosso, dearer for shipment at about 1s. 6d. per lb., c.i.f.; spot, unchanged at between 17s. 6d. and 17s. 9d. per lb., ex store. The slightly higher price of 12s. per lb. is being asked at Minas on the spot; shipment offers are difficult to obtain. EXT. IPECAC. 10s., 26s. per lb., for minimum lots of twelve winchesters.

LOBELIA HERB.—The spot price has advanced, and is now firm at about 3s. 3d. per lb.

MENTHOL.—Consumers appear to be endeavouring to lay in stocks for winter use, but restriction of supplies makes this difficult. Some business reported done in Chinese at 41s. per lb., with possible further small supplies at this figure. The last price from China for July–August shipment was 27s. per lb., c.i.f., but it is understood that offers have been withdrawn, owing to the difficulty of obtaining freight. Of Japanese, a few odd cases may be found on spot at around 45s. per lb.

MERCURY.—Open-market trading is severely restricted. Prices are controlled by Order at £47 15s. to £48 15s. per bottle of 76 lb., ex warehouse. United States production during April is reported as 3,500 bottles, the same figure as for the previous month. Consumption, however, declined by 800 bottles, compared with March.

NUTMEGS.—Moderate business at prevailing price levels. Spot, Eastern towns, 65s., 2s. 4d. per lb.; 80s., 2s. 2d.; West Indian, sound unassorted, 9d.; 80s., 2s. 2d.; 90s., 2s.; wormy and broken, 1s. 7d., nominal.

ORANGE PEEL.—Bitter quarters, spot, about 2s. 1d. to 2s. 2d. per lb.; tin-cut, if available, about 4s. per lb.

PEPPERS.—Dull. Lampong, spot, in bond, 9½d. per lb., nominal; Tellicherry, spot, 9½d.; Aleppy, spot, 9½d., nominal. White Muntok, spot, in bond, 1s. 4½d. per lb., nominal; shipment, August, unquoted.

PIMENTO.—Quiet. Spot, 2s. 1½d. per lb., sellers; shipment, new-crop, August, 170s. per cwt., c.i.f., nominal.

PYRETHRUM.—Kenya flowers are quoted by dealers at approximately 75s. to 185s. per cwt., ex store. Prices to importers of large quantities could be at appropriately lower figures.

QUILLARIA BARK.—Spot, in small supply, is now quoted by dealers at about 110s. to 120s. per cwt., ex store.

RHUBARB.—Inquiry has been maintained. Rough-round, spot, between 9d. and 6s. 3d. per lb., according to quality and soundness. Some rough-coat flat high-dried is available on spot at 6s. 6d. per lb. Forward offers are at about 4s. 6d. to 5s. per lb., c.i.f., subject to freight being available. Shensi, spot, about 8s. to 8s. 6d. per lb., according to variety.

RUBBER.—Values steady, but with no business passing. Standard ribbed smoked sheet, spot, 13½d., buyers; 13½d., sellers; September–December, 3½d., buyers; 13½d., sellers.

SEEDS.—ANISE.—Bulgarian, spot, duty paid, 140s.; Turkish, 145s. CANARY.—Nothing available on spot. CARAWAY.—Dutch, spot, nominal at 300s. ORIANDE.—Indian, spot, reported sold at 150s., duty free; Morocco, quoted at 150s., ex London or Liverpool, duty paid. CUMIN.—Malta, spot, 145s., duty free; Indian, 140s., duty free; Morocco, quoted at 17s. 6d., duty paid. DILL.—Indian, spot, 85s., duty free. FENNEL.—Indian, spot, 85s., duty free. FENUGREEK.—Morocco, spot, quoted at 50s. to 52s. 6d., duty paid. MUSTARD.—English, 97s. 6d. to 110s., according to quality.

SENEGA.—Reports from origin indicate that the crop will be small, owing to shortage of labour; heavy demands from the United States and other countries are also noted. Spot, in restricted supply, would be worth about 5s. 6d. per lb.

SENNA.—Firm. Tinnevely, spot, supply small. No. 1 leaves, 10d. per lb.; No. 2 leaves, 6½d.; No. 3 leaves, 5d. per lb. Hand-picked Tinnevely pods, if available, 1s. 3d. to 1s. 6d. per lb.; manufacturing pods, 9d. to 10d. per lb. Alexandrian hand-picked pods, a few small lots available at 1s. 6d. to 7s. 6d. per lb.; manufacturing quality, 1s. 6d. to 1s. 9d. per lb.

The second report on the senna crop of the Madras Province for 1940–41 ("Indian Trade Journal") states that the area sown with the senna crop up to March 25 in the districts of Ramnad and Tinnevely is estimated at 3,700 acres, against 2,800 acres estimated for the corresponding period of the previous year. The crop is reported to have been affected by drought to some extent.

SHELLAC.—Quiet. Standard TN orange, spot, 140s. per cwt., sellers; shipment, 135s., sellers, c.i.f. Fine orange, spot, 155s. to 200s.; pure button, 175s. per cwt., nominal.

SLIPPERY ELM BARK.—Quoted unchanged, quiet. Dealers are asking about 1s. 2d. per lb. for grinding quality, and about 2s. 1½d. per lb. for wired bundles, on spot.

SQUILL.—Small supplies of Indian would be worth approximately 120s. per cwt. on spot.

TRAGACANTH.—Quiet. Quotations for medium grades have been advanced as follows: No. 1, white, £145; No. 2, white, £125; No. 3, white, £105; pale leaf, £90; amber leaf, £65; red leaf, from £30; woody and hoggy, from £10 to £17, ex store.

TURMERIC.—Spot, Madras finger, quoted at 80s.; Jamaica, spot, sold at 60s.

VALERIAN ROOT.—Indian, spot, about 150s. per cwt., ex store.

WAXES.—Quotations show advances. BEES'.—Spot, 250s.; in bond, 225s.; shipment, Dar-es-Salaam, nominal at 200s. Japanese, first three brands, spot, duty paid, 195s. CARNAUBA.—Spot, fatty, grey, 435s.; chalky grey, 430s.; Primeira, 525s.

WITCH HAZEL (LIQUID EXTRACT).—Spot, 10s. 3d. per Imperial gallon, duty paid.

Essential and Expressed Oils

ANISE (STAR).—Spot supplies remain restricted, and replacements are not likely to be available for some time. Spot, tins in cases, about 16s. per lb.; drums, about 15s. 6d. per lb.

BAV.—Spot trade small, the value remaining in the region of 7s. 6d. to 8s. per lb., ex store.

BOIS DE ROSE.—Steady at recent advance to about 18s. 6d. per lb., spot.

CAJUPUT.—A quiet spot business only recorded; prices steady at between 7s. and 7s. 6d. per lb., ex store.

CANANGA.—Firm and tending dearer. Spot, about 32s. 6d. to 37s. 6d. per lb.

CEDARWOOD.—Dealers are now asking approximately 2s. 6d. to 3s. per lb. for the American oil, according to quantity.

CINNAMON LEAF.—Not in much inquiry, with values firmly maintained. Spot, about 5s. to 5s. 6d. per lb.

CLOVE.—English-made, firm and unchanged at around 16s. per lb.

EUCALYPTUS.—Business has been quiet, with spot steady at about 4s. to 4s. 6d. per lb. for 70 to 75 per cent., according to holder, and about 4s. 6d. to 4s. 9d. per lb. for 80 to 85 per cent.

GERANIUM.—Both Bourbon and Algerian are nominal on the spot, and prices would have to be negotiated.

GROUNDNUT.—Present controlled price of large bulk quantities of refined deodorised is £40 per ton, naked ex works.

JUNIPER BERRY.—Quiet and unchanged. Dealers would require about 30s. per lb. for small quantities, ex store.

LAVENDER.—Occasional small spot inquiry. Spot, from 70s. to 80s. per lb. for good-quality oil.

LEMONGRASS.—Firm. Spot prices would now be in the region of 10s. to 11s. per lb.

LIME.—Genuine West Indian is quoted on spot at about 32s. to 34s. per lb., but supplies are restricted.

LINSEED.—Controlled price of £41 10s. per ton for large bulk quantities of crude, naked ex works, is unchanged. Distributors' prices for ordinary quantities would be higher.

MANDARIN.—Supplies are restricted and prices a matter for negotiation.

MUSTARD.—About 20s. per lb. would be the present value of British-made synthetic oil.

NUTMEG.—Spot, about 25s. per lb.; supplies are small.

ORANGE.—Californian sweet is quoted for shipment at a price which shows a lay-down cost of 10s. 6d. per lb. Prices of Rhodesian and other grades would be a matter for negotiation, about 30s. per lb. being mentioned as a suitable basis.

PALMAROSA.—Small spot inquiry, value firm at about 25s. per lb., nominal.

PATCHOULI.—Spot prices of both Singapore and Seychelles would now be a matter for negotiation, with about 50s. per lb. as a basis.

PEPPERMINT.—It is becoming increasingly difficult to find sellers to meet the sustained demand. Some business is reported done in Chinese on spot at 32s. 6d. per lb., and it might be possible to find a few odd cases at around 35s. Japanese, on spot, small supplies at about 37s. 6d. per lb.

PETITGRAIN.—Spot continues to be quoted at a nominal price of about 17s. 6d. per lb.

SANDALWOOD.—Genuine East Indian Mysore, in one case lots, is quoted at 25s. per lb.

SASSAFRAS.—Genuine natural would now be worth approximately 14s. per lb. on spot.

SPEARMINT.—Dealers' spot prices for small supplies of American remain in the region of 22s. 6d. per lb.

THYME.—Demand is small, and values are at the former levels. Spot, good-quality, about 14s. per lb., with other grades at lower prices.

WINTERGREEN (GENUINE).—Spot quotations remain in the region of 11s. 6d. to 14s. per lb.

WORMSEED.—Dealers are quoting small supplies at around 23s. per lb.

CORRESPONDENCE

Correspondents may adopt an assumed name, but must in all cases furnish their real name and address to the Editor

Sales of Poisons in Eire.—I am anxious to bring the following suggestion to the notice of the Pharmaceutical Society of Ireland. In every part of rural Ireland poisons of all kinds are being sold in grocers' shops. Chemists are nervous of reporting these offenders for various reasons. My suggestion is that the pharmacy inspectors go on a tour of the country, go into these rural shops, and make test purchases. Then no blame will attach to the local chemist and there will be no bad feeling between him and the grocers. If even a couple were fined in the country it would have good results. I personally have seen a well-known rat poison and lysol prominently displayed in grocers' shops this week.—*Midland Chemist* (8/7).

[If "Midland Chemist" will write to the Registrar of the Pharmaceutical Society of Ireland at the Society's Office, his information will be treated as strictly confidential. His name will not be disclosed even to the Law Committee or to the Council. The Registrar will make his own inquiries and report the result to the Law Committee in due course.—*EDITOR*.]

Rutherford Hill.—The passing of this remarkable man severs another strong and precious link with the pharmaceutical past. It is no exaggeration to assert that Rutherford Hill embodied in his time the whole essence of pharmacy, for he knew more of pharmaceutical legislation, politics, practice and research during the past fifty years than any other man or woman. He not only knew of it, but he had been in it—working, fighting, experimenting, teaching—and all he knew he freely and cheerfully shared with the rest of the pharmaceutical community from the youngest apprentice to the oldest research worker. My first meeting with him was more than fifty years ago when a callow youth very subdued after passing through the hands of the examiners at 36 York Place, I was heartened by his hand-grip of congratulation and his exhortation to "go in for the Major now." It was my good fortune to meet him periodically in after years in Edinburgh, in London, and at Conferences in various parts of the country, and he was always the same—genial, cheerful and brimming over with interest in many things, but mainly in the pharmaceutical affairs of the moment. I have listened to him telling eager, young pharmacists who had carried out some—as they considered—original research work in some drug, galenical or chemical, how twenty years before he had contributed a paper on the same subject to the B.P.C. or the North British branch. I have watched him in the political arena standing four-square and unshakeable to doughty opponents, even to Glyn-Jones himself—then his superior officer—but with never an aftermath of bitterness. I particularly remember the shout of laughter (in which J. R. H. heartily joined) at one particular Conference, where it was elicited in discussing some paper or other that Rutherford Hill (the rabid temperance reformer) was the expert on "Whisky in Scotland." That incident was recalled in our last conversation (at the Birmingham Conference two years ago) when J. R. H. explained that in an analytical laboratory in Edinburgh in which he was engaged for some time, the testing of Scottish whiskies was one of his principal jobs, and he thus gained considerable insight into the subject. As resident secretary in Scotland he succeeded another notable pharmaceutical Scot—Mr. Peter MacEwan, who subsequently became Editor of *THE CHEMIST AND DRUGGIST*. I have often been asked why Rutherford Hill was not promoted to the senior official position at Bloomsbury Square, but never could give a satisfactory answer. Perhaps he was too strong meat for London. Certainly easy compromise was not one of his attributes, and compromise seems to be a necessary component of any political success.—*William Chalmers, Surbiton*.

Pharmacy and Medicines Bill.—The various opinions expressed by pharmacists, wholesalers and others on the Pharmacy and Medicines Bill (C. & D., July 12, p. 13) show conclusively the difficulty there is in understanding the legal phraseology and exactly what it is intended to mean. Some of your correspondents seem to see in this Bill a definite advance, whilst others read into its clauses a further setback for pharmacy. For example, Mr. Collins, Birkenhead, considers the Bill puts the brake on the activities of certain organisations, and Barclay & Sons, Ltd., look on it as the logical trend of legislation during recent years, whereby further effort is made to assist the chemist against outside competition. I am afraid this does not coincide with the retail chemist's idea of recent legislation, which has hedged the pharmacist round with restrictions and increased his responsibilities without any compensation or protection from unqualified competitors. On the reverse side, Mr. Eirwyn Owen, Bangor, remarks "the 'co-ops' win this time." If the Bill is passed as it stands, then the future interpretation of its clauses may show they are by no means so favourable to pharmacists. Even now there are distinct contradictions in the interpretation by some of your correspondents, and nobody can say what the findings of a court might be. Mr. Harold E. Matthews, Bristol, writes that he cannot see how under the Bill a qualified chemist can operate branch drug businesses with unqualified management. If by this he is referring to a subsidiary business selling drugs in accordance with the conditions laid down in the Bill, and not to a drug store pure and simple, then his view is opposed to that of "Adest" as stated in his "Notes on the Pharmacy Bill" (p. 20). Mr. Crummack, Leeds, takes Section 1 (4) as meaning that a pharmacist in retail practice will not be able to supply packed drugs bearing the address of his pharmacy for sale at a shop where drugs and medical and surgical appliances are not a predominant part. Mr. Shepherd, Liverpool, considers the "co-ops" would be able to sell packed goods bearing the name of the Co-operative Wholesale Society. In my view there is much to be said for the compulsory disclosure of the contents of proprietary medicines by Clause 6, but it should be strengthened by the addition of the agreed amendment with regard to the use of accepted names. Mr. Woolby Brooke refers to this, pointing out that phenacetin would tell the buyer rather more than parphenetidin. Some names of commonly

used drugs are fairly familiar to the public, and it would be better if it were made obligatory for these names to be used, and not the more abstruse chemical nomenclature. The Bill permits the continued sale of single branded drugs already on the market, and it is for these that the use of the familiar titles should be compulsory. Mr. Neville Booth suggests that, as the Medicine Stamp Acts are repealed, the right of other traders to sell proprietary medicines automatically disappears, and pharmacists become the sole legal vendors of such articles. Such a solution would remove many of our disadvantages, but however much pharmacists might welcome it, it appears to be specially provided against in Clause 7 (5), which deals with articles sold under a proprietary designation. Kay Brothers, Ltd., point out that, in war-time, manufacturers who might in other circumstances have been inclined to add lower-priced sizes to their range may be loth to divert any part of their limited supplies of packing material to smaller packs. But it is just these other circumstances we have to consider, for some day the war will come to an end, and the opportunities now opened to the manufacturers will continue if this Bill is passed. We have already seen how some products have been packed in threepenny and sixpenny sizes for the bazaars and chain shops, and when supplies are freely available there can be no doubt this process will be extended. In regard to this you ask in your editorial article if the point of view and the interest of the manufacturer of packed drugs are irreconcilable with those of the retail chemist. From the point of view of the latter it has seemed in the past that the manufacturers' interest in the chemist has been to use whatever prestige he may have with the public to establish a demand for their products, and having secured that demand to proceed to place the goods in as many shops as possible to increase their output. If this is to be their policy when this Bill becomes law, then, as you say, the manufacturer must be either with or against the retail chemist. In the latter case the chemist will know what to do; in his own interests he must do all he can to promote the sale of C.F. lines and his own packs, and now that war-time conditions and limitation of supplies have brought a return of packing in the pharmacy, there will be more inducement than ever for the retail chemist to continue this process, and to be a chemist in practice as well as in name.—*I. Packem* (12/7).

MISCELLANEOUS INQUIRIES

We do not undertake to analyse and report upon proprietary articles, nor to publish supposed formulas for them

Calomel Dust.—*M. W.* (25/6).—The following is a formula for the calomel insecticide for cabbage maggots:—

Calomel	4
Gypsum powder	96

Citrus Juices.—*D. P. C.* (13/6).—The citric acid and vitamin contents of citrus juices vary according to the source and variety of fruit, but the following average figures will probably be of assistance to you:—

Grape fruit juice—	Citric acid content	Vitamin C content
fresh		40 mgm. per 100 gm.
canned	gr. 8-9 per oz.	30 " " "
Orange juice—		
fresh		50 " " "
canned	gr. 4-9 per oz.	45 " " "
Lemon juice—		
fresh		60 " " "
canned	gr. 30 per oz.	50 " " "

It should be noted that the citric acid content of imported orange juice is sometimes higher than the above figures, owing to added citric acid. Such imported juice might contain up to 1.85 per cent. of citric acid.

Pea Aphids.—*M. C. A.* (15/7).—Nicotine fumigation, though it requires special apparatus, is the best method of destroying the pea aphid, but in hot weather reasonably good results may be obtained by dusting the crop with a 4 per cent. nicotine dust at the rate of not less than $\frac{1}{2}$ cwt. per acre. Heavy storms or continual rain are likely to check the development of an outbreak, which is favoured by dry, hot weather.

Fig Preservation.—*W. S.* (24/7).—Figs which are picked green will not ripen as other fruits but become somewhat mushy with a chalky taste. In America, magnolia figs, when ready to be canned, are dipped from ten to fifteen seconds in a hot 2 per cent. caustic soda solution, after which they are sprayed with fresh water and then passed into a bath where they are subjected to a gentle rubbing to remove the skin. The figs are then cooked from two to three hours and are placed in cans or jars—the syrup added and sterilised as usual. Another variety, the Kadota figs, are not lye-treated but are blanched or boiled for about three minutes in water ranging from 140° to 180° F. to cleanse them and remove some of the waxy coating and the raw flavour. Next they are cooked for about thirty minutes in a light syrup so that the tissues will permit penetration of the syrup used in canning. They are allowed to stand overnight in this syrup and are then canned and covered with 50 per cent. sugar solution, exhausted from five to eight minutes, sealed and sterilised in boiling water for half an hour.

Nitrogen in Soil.—*D. S. S.* (29/7).—It is impossible to give any figure expressing the approximate content of nitrogen left in an average soil after growing a crop of leguminous plants in it. One can only say that crops such as clover, lucerne and sanfoin, which remain for many months in the soil, and form a dense mass of fibrous root, add considerably more than crops growing only for a shorter period and with a less permeating root mass. In one field under investigation it was found that a crop of clover not only contained nearly 120 lb. per acre more nitrogen than an adjacent cereal crop grown under similar conditions, but left in the soil nearly 1,000 lb. of nitrogen, only part of which, however, is available for crops. Other values have averaged about 60 lb. of available nitrogen per acre.

The time has now come when acute shortages of raw materials make it impossible to meet in full all the requirements of our numerous friends. We would like to give this assurance that every endeavour is being made to effect a fair distribution of all materials proving to be scarce.

May we take this opportunity of thanking all our old and valued customers who have stood by us whilst we have successfully overcome many serious physical difficulties. We would add that our services are now rapidly returning to their normal efficiency.

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WAXES

Japan Wax, White
Bees Wax, Candelilla
Wax, Carnauba Wax

In natural and powder form

Official Agents:

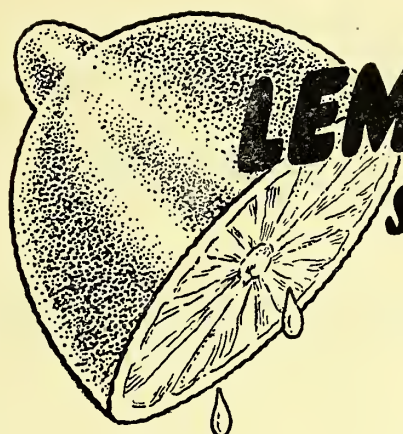
**ANGELO BROS. LTD.
SHELLACS**

IMPORTANT

We regret to have to advise our many friends that our city offices were recently completely demolished by enemy action. We have, however, made complete arrangements to carry on from our works address, and future enquiries should be sent to:

A. F. SUTER & CO. LTD.

VICTORY WORKS, 83/84 EASTWAY, HACKNEY WICK, LONDON, E.9
Phone: AMHurst 2275/6



LEMONS ARE SCARCE!

stock

LEM-LEM

REG. TRADE MARK

The National Substitute for LEMONS

— and supply the present demand

The public is clamouring for Lemons—their juice is essential to health—it is needed for flavourings and a hundred and one purposes. Lem-Lem is the National substitute for Lemons and can be used for cooking, flavouring, baking (for instance, Lemon Curd), serving with Fish, Lemon Tea, Hot and Cold Lemon Drinks, as a Hair Rinse, for removing stains from hands, clothing, etc. Your customers can use Lem-Lem for every purpose they have used lemon juice. **Lem-Lem has a plentiful supply of Vitamin C.** (the health vitamin of Lemons). Retails at 9d. per packet—a rather higher price than some others, but Lem-Lem is the original lemon juice substitute and still the best.

The Ministry of Food control the supply of Vitamin C. Lem-Lem have been granted permission to still include Vitamin C. in their product.

**★ REGULARLY ADVERTISED
WINDOW BILLS, LEAFLETS**

RETAIL
PRICE

9^d

per pkt.

WHOLESALE

81/-

per gross

PROFIT

27/-

per gross

ORDER LEM-LEM through your usual wholesaler

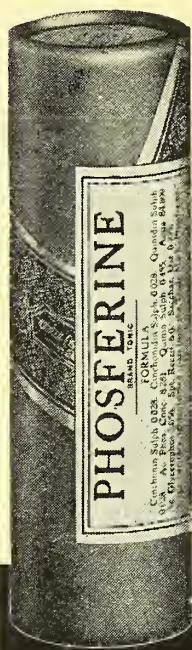
Awarded Certificate of the
Royal Institute of Public
Health & Hygiene



or **MAW, SON & SONS LTD.**
ALDERSGATE HOUSE
NEW BARNET - HERTS.

CLINICAL PRODUCTS LTD., 2 THE GREEN, RICHMOND, SURREY

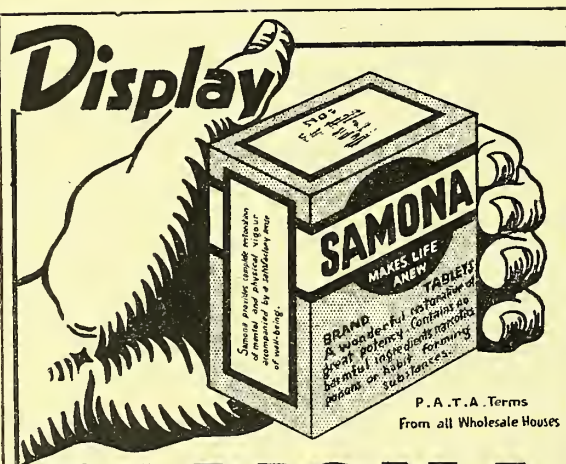
An immense public heavily in favour of Phosferine



With the advent of war came a serious testing time for personal health. That was an opportunity for thousands to take Phosferine, many of whom had never taken a tonic in their lives. The weight of public opinion behind Phosferine has impelled thousands and thousands more to try this 'greatest of all tonics.' So that, today, Phosferine stands in the position of having beaten previous record sales over and over again. Nothing can limit your share in this immense goodwill towards Phosferine but a failure to order in time. Don't be out of stock. Send for both Liquid and Tablets a week too soon rather than a day late.

Phosferine (Ashton & Parsons) Ltd., Phosferine Laboratories,
King George's Avenue, Watford, Herts.

THE GREATEST OF ALL TONICS



SAMONA

THE WONDERFUL MEDICAL RESTORATIVE
which brings immediate benefit in all cases of

**NERVE STRAIN
DEPRESSION
TIRED and LISTLESS APPEARANCE
MENTAL AND PHYSICAL
EXHAUSTION**

Prices 3s. and 5s. (more than double quantity)

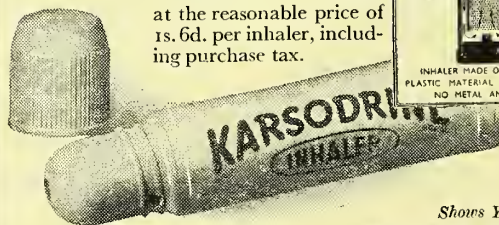
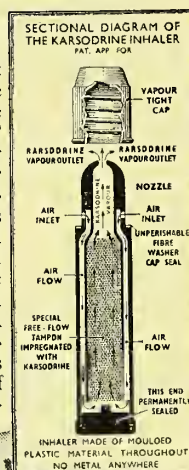
Exclusive of purchase tax
SAMONA, LTD., 16 CHARTERHOUSE ST., LONDON, E.C.1

KARSODRINE

The Volatile Vasoconstrictor

in New Type Inhaler with
only ONE cap to remove

"It is a modern 'talisman' against nasal infection!" That is how one medical man described the Karsodrine Inhaler. A shade over-enthusiastic? Possibly!—but not really so very far from the truth. The Karsodrine Inhaler is a highly active local volatile vasoconstrictor and anodyne. It affords immediate and prolonged contraction of congested nasal mucosa with local analgesic action. Packed in an hygienic moulded plastic inhaler, with no metal parts and only one cap to remove. A British production throughout and obtainable from all Chemists at the reasonable price of 1s. 6d. per inhaler, including purchase tax.



R Each Karsodrine
Inhaler contains

β -phenylisopropylamine 0.330 gm.;
Cineol 0.003 gm.; Ol. Citronell
0.026 gm.; Methyl-oxybenzoate
0.023 gm.; Ol. Cedri Lig. 0.005
gm.; Menthol 0.049 gm.; Ol
Eucalypt. 0.089 gm.



Shows You Up To
5/2¹d. per dozen
PROFIT
even on small quantities when
ordered with other "Griffiths
Hughes" lines

For Trade Terms kindly apply to
E. Griffiths Hughes Ltd.
Adelphi, Salford. 3, Manchester

NO ORANGES**BUT YOU CAN SELL
"SEVILA"
THE PERFECT SUBSTITUTE**

- ★ SEVILA is not just another orangeade—it is the perfect substitute for oranges and should be used for all purposes where fresh orange juice is required, i.e. cooking, making cakes, puddings, sauces, drinks, etc.
- ★ SEVILA contains Vitamin C, Glucose, Vitamin D, Calcium and Phosphorus, which are essential energy-giving food properties extremely valuable to all war workers.
- ★ Packed in powder form each 6d. packet equals the juice of four fresh oranges.
- ★ Sweetened ready for use.
- ★ $\frac{1}{2}$ teaspoonful of powder dissolved in 8 teaspoonfuls of cold water is equal to the juice of one orange.
- ★ National advertising now appearing—display material available.

Manufactured by
MORLEY ROGERS & CO. LTD., 290 KINGSTON RD, MERTON PARK, LONDON, S.W.



Sold in **6^{D.} PACKETS**
TRADE PRICE **57/-** PER GROSS
Cash with Order
Packed in 6 dozen lots

SEVILA*The Perfect Substitute for Oranges*

Simpkin's

NATIONAL DISTRIBUTION

PLEASE NOTE. All previously advertised arrangements are postponed for 2 weeks to cover—

closing down for holidays
and factory overhaul
from August 2nd to 17th
inclusive

to ease the strain caused by
insufficient raw materials,
and staff shortage in relation
to increased work, for
effecting an equitable distribution
of quotas to datum year buyers
throughout the country

A. L. SIMPKIN & CO. LTD.
Manufacturing Chemists, Sheffield 6

GOOD NEWS

ABOUT SNAP VACUUM CLOSURES

By reason of the colossal demand, which has far exceeded our expectations, coupled with great deficiencies in supplies of Rubber Rings and loss of output due to enemy action, many of our Trade friends have been unavoidably disappointed in deliveries of Snap Vacuum Closures.

But we are now happy to state that deliveries will, in the near future, be both speedy and complete.

In offering our apologies for poor deliveries in the past, we would remind you that there still remains a long and intensive bottling period ahead for TOMATOES, Pears, Plums, Apples, Loganberries and Blackberries, so stock-up and participate in this grand money-making device of National importance.

GRAHAM FARISH LTD.
BROMLEY, KENT
RAVensbourne 3475 (3 lines)
STAPLEHURST, KENT
Staplehurst 254

CURICONES *★NO Sales Restrictions*

**EVERY RHEUMATIC
SUFFERER IN YOUR
DISTRICT CAN BE A
SOURCE OF *Profit***

Every Rheumatic Sufferer among your customers (and there must be many) can be a source of profit which will help to fill the gap left by the restricted sales of other lines.

★ With restrictions on most other lines, CURICONES become more than ever an attractive proposition, for they are subject to no restrictions.

**ALL WHOLESALERS
CAN DELIVER CURICONES
IMMEDIATELY**

If you have difficulty, we can send supplies direct and charge you through your usual wholesaler, but don't forget to send us the name of your wholesaler as no direct accounts can be entertained.

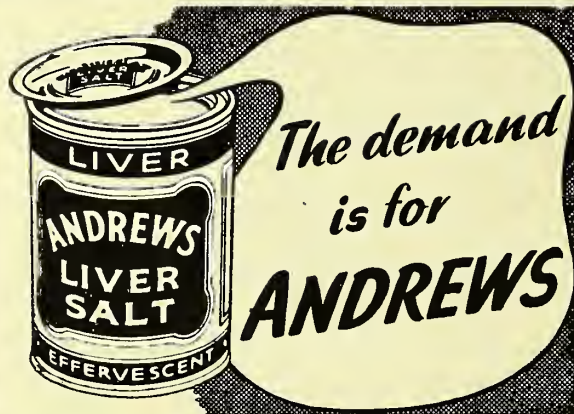
STEPHEN MATTHEWS & CO. LTD., Manufacturing Chemists & Druggists, 19/21 FARRINGTON ST., LONDON, E.C.4

We Ship

ACONITE, ALESTONIA BARK, BELLADONNA LEAVES, BELLADONNA ROOT, BERBERIS, ASA-FOETIDA, BRYONIA, CALUMBA ROOT, CHIRETTA (Indian Variety, B.P.), COLCHICUM CORMS, DANDELION, DATURA METEL LEAVES, DATURA STRAMONIUM LEAVES, EPHEDRA VULGARIS, GLYCYRRHIZAE, HYOSCAMUS NIGER LEAVES, JUNIPER BERRIES, PODOPHYLLUM, RHUBARB RADIX, INDIAN SQUILLS, VALERIAN ROOT, RED PEPPER FRUIT, ETC., of guaranteed standard quality

ENQUIRIES INVITED

MEHTA BROTHERS
LAWRENCE ROAD - AMRITSAR - INDIA



MANOIDS

THE POTENT BRAIN & NERVE TONIC
FOR MEN

1/3 - 7/6 doz.
2/3 - 13/6 -

THE
Acton Pill & Tablet Co. Ltd.
ASH VALE, SURREY.

FROM ALL SUNDRIES
HOUSES, OR -

TRAGACANTH

SPECIALISTS IN B.P. POWDER

Also Technical and Industrial qualities. All Grades of Whole
Flakes as imported. Samples and prices on request.

FREUDENTHEIL, SMITH & Co., 16 Philpot Lane, London, E.C.3
Tel. Address: 'Freudenruf' Tel.: MANSion House 1924 & 6600 Estd. 1826



MILLAMALT *The* TONIC MALT FOOD

With Guaranteed Complement of Vitamins A.B.C & D.

Sole Manufacturers.
JEFFREYS, MILLER & Co. Ltd. Leyland Mills, WIGAN. London Dept. 19 Brookside Road N.19

BRITISH MADE

BY TEST
THE BEST**"HELLA"**

LATEX PREVENTIVES

HELLA PREVENTIVES ARE HOT VULCANISED AND WILL
KEEP FRESH IN STORE FOR 3 YEARS IN ANY CLIMATE**24/-** PER GROSS
PACKED IN
WALLETS OF THREE

SPECIAL TERMS FOR QUANTITIES

WASHABLES AND BULK GOODS AVAILABLE
WHOLESALE AND EXPORT ENQUIRIES
INVITED**JULIAN GROSSE**

TENANT HOUSE, 50 GT. PORTLAND ST., LONDON W.1

Phone : Museum 0060

WANT RAZOR BLADES?

Get **MULTISHAVE SHARPENERS**

"Give New Life to Old Blades"

10/- per doz. plus Tax. Retail 1/6 each

MULTISHAVE COMPANY, FORTRESS GROVE, LONDON, N.W.5. PHONE: GULLIVER 1467.

THE NATIONAL ASSOCIATION OF OPTICIANSThe next examination will be held at Liverpool
in January, 1942

REVISED SYLLABUS, ETC.

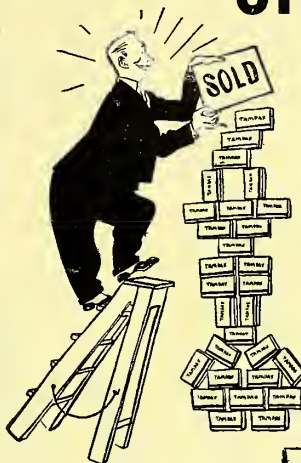
SECRETARY, N.A.O., 130 Princes Road, Liverpool, 8

**The HOME GUARD
AGAINST RATS**Help to protect the homes of the people against the
rat menace by selling **RODINE PHOSPHORUS** AND
RODINE RED SQUILL.**RODINE**

Thomas Harley Ltd., Rodine Works, Perth

**A profit
maker!**NOW
SWEETENED
TO MEET
WAR-TIME
REQUIREMENTS**MASON'S
GINGER WINE ESSENCE**

SWEETENED

The season for Ginger Wine is here. See you have
a good stock of Mason's sweetened Ginger Wine
Essence, which not only makes a delicious drink but
is also a cordial digestive and nerve soother. Write
for trade terms.**NEWBALL & MASON, LTD. NOTTINGHAM****TAMPAX SALES ARE
ON THE UP AND UP!**

★ When you consider that during the past half year Tampax sales have topped a million you'll see that there's a quick turnover here that you can't afford to miss. (And remember — every new Tampax sale starts a new and regular repeat demand).

★ Women at home, women in the factories, women in the services; all the busy war-working women of today see Tampax advertising and react to it (yes — Tampax sales have been going up steadily ever since war started).



★ In selling Tampax you are handling a line that has the endorsement of doctors and the recommendation of matrons and nurses. It is a safe, certain, serious selling line with a non-stop profit.

(A fine sales maker for other reputable lines as well—give it a front place in your display and see!)

TAMPAX TRADE TERMS

(P.A.T.A. PRICES)

★ PACKETS OF 3	Wholesale 5/3 DOZ.	Retail 7d. PACKET
★ PACKETS OF 6	Wholesale 10/6 DOZ.	Retail 1/2 PACKET
★ PACKETS OF 10	Wholesale 15/9 DOZ.	Retail 1/9 PACKET
★ PACKETS OF 40	Wholesale 54/- DOZ.	Retail 6/- PACKET

Manufactured in England by Tampax Ltd., Belvue Rd., Northolt, Middx.

Sole Distributors **SPLENDOR LTD.**, 5 Beastmarket Hill,
Nottingham, & 7c Lower Belgrave Street, London, S.W.1

BRITISH MADE ALKALOIDS AND FINE CHEMICALS



BROMIDES IODIDES

MERCURIALS • ATROPINE
CAMPHOR • NICOTINIC ACID • SALICIN
CAFFEINE • EMETINE • QUININE
STRYCHNINE • NICOTINE • VERMILION
PRUNELLA • ESSENTIAL OILS
CLOVE OIL • SANDALWOOD OIL
ALMOND OIL • EXTRACT OF IPECAC. LIQ.
DRUG GRINDING

WHIFFEN & SONS LTD

INCORPORATING GEORGE ATKINSON & COMPANY. EST. 1654

FULHAM, LONDON, S.W.6

'Phone FULham 0037

'Grams WHIFFEN LONDON

The CHEMIST AND DRUGGIST SUPPLEMENT

This Supplement is inserted in every copy of The Chemist & Druggist

28 ESSEX STREET, LONDON, W.C.2

AUGUST 2
1941

IMPORTANT TO SUPPLEMENT ADVERTISERS

Instructions for supplement advertising are now accepted in London and at Bath. London press times have been advanced to first post WEDNESDAY morning of week of issue but instructions will still be accepted up to first post THURSDAY morning if sent to Bath. Advertisements received after these times will be inserted the following week.

THIS IS THE TARIFF

AGENCIES, GOODS FOR SALE, PARTNERSHIPS, PATENTS, PREMISES TO LET, FOR SALE or WANTED

7/6 for 36 words or less, 2d. for every additional word.

Box Office Number 1/- extra.

SITUATIONS WANTED { 2/6 for 18 words or less, 1d. for every additional word. Box Office Number 1/- extra.

ALL ADVERTISEMENTS MUST BE PREPAID. To avoid disappointment send your instructions as early in the week as possible to

THE CHEMIST AND DRUGGIST, THE PITMAN PRESS, BATH
or to London Office at 28 Essex Street, Strand, London, W.C.2

LEGAL NOTICES, SALE BY AUCTION, TENDERS—AND ALL SPECIALLY SPACED ANNOUNCEMENTS

1/9 per nonpareil line. (12 lines = 1 inch, single column.)

Box Office Number 1/- extra.

BUSINESSES for DISPOSAL
BUSINESSES WANTED
SITUATIONS OPEN

7/6 for 40 words or less, 2d. for every additional word.

Box Office Number 1/- extra.

EXCHANGE COLUMN { 2d. per word, minimum 3/- (for Retailers, etc.) } Box Office Number 1/- extra.

MISCELLANEOUS SECTION
(for Wholesalers, etc.), for odd and second-hand lots.

12/6 for 60 words or less, 1/- for every additional 10 words or less. Box Office Number 1/- extra.

OPTICAL TUITION

FOR THE

S.M.C., B.O.A., and N.A.O. DIPLOMA Examinations
Particulars—

C.A. SCURR, F.S.M.O., F.B.O.A., F.N.A.O., F.I.O., F.C.O., M.P.S.

50 HIGH STREET, BARNET, LONDON, N.

EXPERIENCED WORKS MANAGER

(B.Sc., Ph.C., Scot.) at present engaged by important firm of Manufacturing and Wholesale Chemists, would welcome change, and would be glad to make contact with reputable firm—preferably Government Contractors. Thorough commercial training, including accountancy, banking and general office routine; Import and export, and buying. Comprehensive knowledge of the drug trade, and capable of exploiting processes. Preference expressed for executive post on commercial side offering scope for advancement. CDB-644, London Office of this Paper.

SITUATIONS OPEN

RETAIL (HOME)

BRIGHTON. Unqualified Assistant required, male or female, for family dispensing business in suburb. Good N.H.I. experience an advantage. Apply CDB/656, London Office of this Paper.

EAST YORKSHIRE. Pharmacist required to undertake a few weeks' relief work. Good wage and prospect of permanent employment, if desired. Apply CDB/654, London Office of this Paper.

LAKE District. Qualified Assistant (exempt from military service) wanted for duration of war for old established family and agricultural business. Apply with full particulars to Thos. Edmondson, Ltd., Corn Market, Penrith.

LONDON, N. A competent Assistant wanted for Family business, Lady or Gentleman. Dispensing, Counter, etc. Apply, stating full particulars and salary required, to Geo. Daniel, 272 High Road, Wood Green, N.22.

NORTH WALES. Unqualified Assistant required immediately, male or female, exempt military service. Must be good dispenser and able to assist at counter. State experience, age and salary required. Lawrence, Chemist, Rhyl.

NORTH WALES RESORT. Experienced unqualified Assistant required. Male or Female. Permanency with good conditions. Apply CDB/655, London Office of this Paper.

ASSISTANT, Lady or Gentleman, accustomed to N.H.I. dispensing, wanted for London, S.E. CDB/663, London Office of this Paper.

A qualified Chemist as Assistant or Branch Manager (male or female) for emergency period. Must be over 30 years of age. Written applications stating age, wages and experience received up to first post, Wednesday, August 13th, 1941, at the General Offices of Oldham Industrial Co-operative Society, Ltd., King Street, Oldham. Endorse envelopes "Chemist."

CHEMISTS, qualified, wanted, Female or Male (over military age) to take charge of branches as vacancies occur. Reply in writing, giving full particulars to Scottish Co-operative Wholesale Society, Ltd., Retail Drug Dept., 187 Bogmoor Road, Shieldhall, Glasgow.

NEALE & JENKINS, LTD., 2 Teignmouth Parade, Perivale, Middlesex, require the services of a Pharmacist Lady or Gentleman and an Unqualified Lady Dispenser. Please state age, experience, salary required, and all particulars to Secretary.

QUALIFIED Manager required for Branch in Essex. House attached. Apply by letter, stating age, experience and salary required, to Shadforth Prescription Service Ltd., 63, Grove Road, Bow, London, E.3.

QUALIFIED Chemist required as Branch Manager (permanency). State age, previous experience, salary required, and when free, to Ipswich Industrial Co-operative Society, Ltd., 38 Carr Street, Ipswich. Endorse envelope "Chemist."

QUALIFIED Chemist wanted, West End Pharmacy. Easy post, suit elderly man. Write 385/158, London Office of this Paper.

QUALIFIED Assistant, male, for middle-class business in safe area. Exempt military service. Neat, competent dispenser, accustomed to quick N.H.I. essential. Salary required and usual particulars (photo if possible), to Barton, Street, Somerset.

(continued overleaf)

SITUATIONS OPEN—contd.**RETAIL (HOME)**

HULL. Qualified gentleman or lady required for Dispensing and Counter, light duties. Commence during August; permanency for suitable applicant. State age, salary required and full particulars, references. 385/168, London Office of this Paper.

LONDON, N.15. Lady Assistant required, Counter and Dispensing experience. Give full particulars. 385/169, London Office of this Paper.

ASSISTANT required, unqualified, not liable for military service. Fully conversant and capable in all branches of pharmacy. Wages £3 3s. plus 10s. war bonus. Full particulars, copy references and photo (to be returned) to "Pharmacy," Weymouth and District Co-operative Society, Westham Road, Weymouth.

DISPENSER-BOOK-KEEPER, male or female, by firm of doctors in Berkshire; rooms provided. Apply stating age, experience and salary required. 385/165, London Office of this Paper.

LADY M.P.S., light dispensing and counter; short hours, no Sunday or holiday duties. Pleasant district. Please send full particulars in first letter. Age, height, salary and experience to Wadsworth, Chemist, Shoreham by Sea, Sussex.

LADY Assistant, either qualified or unqualified, wanted. Good-class family business on outskirts of Sheffield, residential area. Apply stating age, experience, salary required. Good prospects possible; enclose photograph. C. W. Hobson, 3 Abbeydale Road South, Millhouses, Sheffield, 7.

MANAGER for seaside and country branch Pharmacy. Lady or Gent, ineligible for military service. No Sunday or half-day duty. Position for "duration" only. Apply giving fullest particulars at once to Managing Secretary, Sheerness & District Economical Co-operative Society, Ltd., 100 High Street, Sheerness, Kent.

QUALIFIED Assistant wanted, lady or gent, commence immediately. Apply C. Alcorn, 42 Eastcastle Street, W.1.

QUALIFIED Assistant required. Safe area, Yorkshire. State age and salary required. CDB/660, London Office of this Paper.

QUALIFIED Branch Managers required for permanent progressive positions. Reply, stating age, experience, and salary required, to CDB/665, London Office of this Paper.

TAYLORS BRITISH CHEMISTS require Pharmacists for relief duties in Birmingham and Wolverhampton districts. Permanent employment for suitable applicants, if desired. Apply by letter to Retail Staff Manager, Taylors British Chemists, Claremont Barn, Claremont Lane, Esher, Surrey.

UNQUALIFIED, used to Trusses, Belts and Surgical Goods. State wages required. Box 53, Curtis Advg., 30 Fleet Street, E.C.4.

UNQUALIFIED Assistant, lady or gentleman, wanted immediately for dispensing and counter. Apply with full particulars, references, and salary required to C. E. Underhill & Sons, Ltd., Fore Street, Saltash, Cornwall.

UNQUALIFIED Lady Assistant required. Must be experienced in pharmaceutical and general shop duties. Write stating age and experience to the Staff Manager, R.A.C.S., Ltd., 113 Powis Street, S.E.18.

UNQUALIFIED Assistant, male or female, required. Dispensing and counter. State age, experience, salary required and when free, to Manager, Pharmacy Department, Ipswich Industrial Co-operative Society, Ltd., Carr Street, Ipswich. Endorse envelope "Unqualified Assistant."

LOCUMS AND SEASONAL VACANCIES

LOCUM, qualified, required for two weeks, August 11 to 23, if possible (close 6 p.m. daily), no Sunday or half-day duty; safe area. Apply giving full particulars, age, salary required, etc., Platin, Chemist, Chelmsford, Essex.

WANTED, Locum Dispenser-Book-keeper, man or woman, August 5 to 18 inclusive. Dr. Tunnicliffe, 27 Granby Street, Loughborough.

WHOLESALE

AGENTS wanted, calling on Retail Chemists in South-west of England to handle well-known Antiseptic. CDB/669, London Office of this Paper.

AN established firm of British Manufacturing Chemists, marketing medical specialities, require a representative for medical propaganda work in South Wales. A pharmaceutical qualification is essential and previous representative experience an advantage. Applicants must give full details of past experience and qualifications. Write Box 897, 8 Serle Street, Lincoln's Inn, London, W.C.2.

ASSISTANT Works Chemist required by a progressive house in Lancashire manufacturing well-established Proprietary Medicinal Products. Good opening for capable man with practical works experience. Give full particulars of qualifications and past experience—which will be treated confidentially—and state salary required. CDB/659, London Office of this Paper.

BURROUGHS WELLCOME & CO. have vacancies on their clerical staff for girls (age 16–20) to be engaged on essential work. Central or secondary education preferred. The vacancies include Copy Typists, Invoice Clerks and Juniors. The positions are permanent and offer good prospects of promotion. Applications may be made personally (mornings) or in writing, giving details of experience, salary, etc., to D.O., 183/193 Euston Road, London, N.W.1.

FOREWOMAN required to supervise staff of girls putting up Tablets and Packed Goods. Details of previous experience, stating age and remuneration required to The Standard Tablet Co., Ltd., Hove 4, Sussex.

GENATOSAN, LTD., Loughborough, have vacancies on their staff for one or two Female Pharmacists for medical and trade propaganda. Applications should be in own handwriting, giving particulars of previous experience, whether able to drive car, age, etc.

INVOICE Clerk required for London Wholesale Druggists. Write, stating experience, etc., 365/381, London Office of this Paper.

PILL Maker required. Colton machines. Apply 385/159, London Office of this Paper.

PRODUCTION Manager wanted by progressive firm in the North handling assorted packed lines (medical). Must be good organiser with initiative, and accustomed to handling female labour. Experience of up-to-date packing methods is essential. Full particulars of past experience may be given in confidence, and applicants should state salary required. CDB/658, London Office of this Paper.

SACCHARIN Tablet maker required. Good salary and bonus to right person. 384/127, London Office of this Paper.

SALESMAN required. First-class Salesman wanted for London area, calling on Chemists to carry Nationally advertised Pharmaceutical product. Must be experienced and energetic. Salary, commission, expenses and permanency to the right man. Write 385/163, London Office of this Paper.

SEVERAL vacancies have occurred on the representative staff of a well-known firm of British Manufacturing Chemists. Applications are invited from men experienced in medical propaganda work. A pharmaceutical qualification is essential. Full details of past experience and qualifications should be given. Write Box 898, 8 Serle Street, Lincoln's Inn, London, W.C.2.

TABLET-MAKER required. First class all-round Tablet Maker required for Blackpool district. Good salary and permanency offered to really experienced man. Write Koray, Ltd., 4 Bloomfield Road, Blackpool.

WORKING Foreman Pill Maker required to take charge of department. Must have expert knowledge of operations (except coating) and be used to Colton Machinery. Full particulars, age and remuneration required to The Standard Tablet Co., Ltd., Hove.

SITUATIONS WANTED**RETAIL (HOME)**

AN Indian B.Pharm. (London), B.Sc., desires suitable position. 385/166, London Office of this Paper.

QUALIFIED (44), O.B.A.C., married, requires post Manager, Locum or Perm. 1172 Neath Road, Plasmari, Swansea.

RESIDENT Managership, Country Branch preferred. Qualified; Scot; married; over military age. Present post, Devon. All-round experience, including Veterinary. Excellent references. Can wait suitable vacancy. Kindly state terms. CDB/668, London Office of this Paper.

WHOLESALE

ADVERTISER, over military age, active, long varied experience retail, manufactory, production, filling, pharmaceuticals, toilet; control female labour; unqualified. CDB/670, London Office of this Paper.

ADVERTISER, age 34, public school education. Thorough all-round experience of Pharmaceutical trade. Retail, Wholesale, and Manufacturing, Sales and Medical Propaganda Work. Also staff control. Seeks progressive position with good firm. Apply CDB/667, London Office of this Paper.

REPRESENTATIVE covering London area, requires good line on commission basis. 385/156, London Office of this Paper.

ARENCO Tube Fill for secondhand; c/o Agency Mitchell;

ASPIRINS, Granulaton per week, 385/146, London Office of this Paper.

BORAX and Soap samples and price.

BOTTLES, 1 oz., preferred, wanted 188–190–192 Sutton C.

B.P. quality Acid C. Sodium Pyropl Saccharin 550 strengt of this Paper.

Cash waiting for in and out of. We also wish to and expensive ment. Cyril Ho

CARAWAY Oil, B.P. invited. Prompt Paper.

LEADING firm of Makers require su orders. Write 385/164

LINT, Any quality, seconds, in modern Gum Karaya up to 10. Heuna, Camomile, Tab Cases, or loose unwrapi

OILS or Fats and Box 56, Pools, W.C.2.

SACCHARINE Powd the assistance of a above powder to spa have on hand for mun destroyed owing to e of this Paper.

URGENTLY require suitable for Brill Paper.

WANTED.—2 oz. Highest prices pai

WANTED by Engla Miniature Camera Leica, Contax, Ikontas, quotas. Wallace Heatd

WANTED. Optical t good condition, wa and full particulars to C

EXQUISITE blue an to take 11 mm. re to 6/6 each. 1 gross 2 London Office of this Pa

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LIPSTICK Refills, cel dozen. Good quali Paper.

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ADVERTISER will ex for £50 Toilets. C Innova, Max Factor, Po Apply, CDB/666, London

TRADE MARKS

THE Trade Mark No. 612919 consisting of the words **DOLLY VARDEN** with the device of the head and shoulders of a girl wearing a straw hat and registered in respect of Nail polish was assigned on July 10, 1941, by Jenson & Nicholson, Ltd., of Jenson House, Carpenters Road, Stratford, London, E.15, to Varden Laboratories, Ltd., of 86 Carpenters Road, Stratford, London, E.15, *without the goodwill of the business in which it was then in use.*

MISCELLANEOUS

LIPSTICK CASES. A matter of especial interest to smaller cosmetic producers. Small manufacturer with facilities for production of best lipstick cases in an elegant and uncontrolled material (useless to cheapest market) is prepared to exchange costing data with producer of really good lipstick refills with a view to an exchange of some of his output. Strictest privacy guaranteed. CDB/662, London Office of this Paper.

WE will deliver per return 2,000 full-strength Saccharin Tablets in exchange for each 7 lb. Sacch. Lact. dispatched carriage paid. Replies only (not goods) to be sent to "Tabellae," CDB/577, London Office of this Paper.

SPECIAL NOTICE TO SUBSCRIBERS

Under present conditions it is not possible to follow our usual procedure of sending a series of reminders about subscription renewals, nor continue the posting of copies after a subscription has expired, owing to the necessity of conserving paper supplies. For the same reason we cannot supply back numbers after postings have once ceased.

We hope therefore that our friends will co-operate by sending renewal instructions and remittance as soon as due, addressed to

**The Chemist and Druggist, The Pitman Press
Bath, Somerset**

N.B.—Changes in name or address or any alteration of any kind in the current mailing list should be sent seven days in advance of the issue which they are to affect.

EXAMINATION RESULTS

The following are the results of the examinations of the Pharmaceutical Society held in London in July:—

Examination	Entered	Absent	Failed	Referred (One Subject)	Passed
Intermediate:—					
(a) Whole examination	243	2	81	61	99
(b) Referred subject ..	41	0	—	27	14
C. and D. Qualifying:—					
(a) Whole examination	246	2	69	52	123
(b) Referred subject ..	19	0	—	4	15

Under regulations 9 and 16 the Board also prescribed that before re-entry to the examination fifteen candidates should undergo a further course of study, as follows: *Intermediate examination*, in all subjects 7, in biology 4, in the botany section of biology 2, in chemistry 1. *Chemist and Druggist Qualifying examination*, in all subjects 1.

SUMMARY OF REJECTED CANDIDATES

Subject	Entered	Absent	Referred	Failed
Biology (Botany and Zoology)	244 } 272	0 } 2	6 } 71	64 } 78
Botany (Botany section only)	28	2	65	14
Chemistry	248	2	8	55
Physics	246	2	9	65
Pharmacognosy	249	2	3	46
Pharmaceutics	253	2	27	55
Physiology	249	2	1	38
Pharmaceutical Chemistry	252	2	16	47
Forensic Pharmacy ..	246	2	9	41

CHEMIST AND DRUGGIST QUALIFYING EXAMINATION

The following candidates were successful:—

Armour, F., Fleetwood
Baines, A. R., Thornton Heath
Baker, G. W., Sidmouth
Barlow, J. P., Southsea
Barrick, E. J., Rushden
Barsby, C., Stapleford
Bastow, A., Scarborough
Beckett, A. H., Fleetwood
Beeston, G. F., Ashbourne
Birch, F., Blackburn
Blundell, W. S., Blackpool
Brandt, Elizabeth, Highgate
Bunn, J., Brierfield
Burcham, R. F., Seaford
Burr, P. W., Nottingham
Burt, B. W., Rickmansworth
Byron, B. V., Derby
Carey, B. F. J., Henfield
Carlisle, Josephine B., Whitstable
Chandler, P., Ipswich
Chappell, L. C., Goole
Collins, P. I., Bristol
Cooper, Winifred, Southport
Coyle, D., Preston
Daniels, F., Horwich
Davies, D. D., Ammanford
Dean, K. L., Marsden
Dight, K. W., Preston
Drury, E. G., Folkestone
Duggan, M., Oswaldtwistle
Dunlop, J. A., Leicester
Eastcott, J. R. P., Chippenham
Easter, S. H., Hornchurch
Eastwood, Joan, Bexhill
Entwistle, J., Bolton
Evans, D. R., Llanelli
Fearon, N., Manchester
Field, F., Davenham
Fisher, Marjorie J., Bristol
Forester, A. V., Stockport
Fowler, P. J., Leek
Gray, E., Merton Park
Gregson, W., Patricroft
Groom, D., Rossington
Haden, F. H., Birmingham
Hall, C., Sheffield
Hall, R., Pendleton
Halstead, R., Wirksworth
Hambrook, Elizabeth, Dover
Hann, P. A., Sherborne
Harber, Kathleen M., Birmingham
Harper, Millicent J., Smethwick
Harris, G., St. James's
Harrison, A., Blackburn
Haydock, N., Manchester
Henstridge, P. A., Bristol
Holmes, Janet M., Beeston
Holmes, J., Blackpool
Homer, W. J., Bristol
Hopwood, A. G., Godalming
Howe, F. D., Blackpool
Hoyle, H. V., Leigh
Hynan, H., Spitalfields
Jacobs, T. H., St. Ives
James, A. A., Clydach
James, Dinah M., Lampeter
James, Eirene M., Lytham
Johnson, Kathleen M., Barking
Jones, C., Holyhead
Jones, D. P., Treorchy
Jones, Megan E., Neath
Jones, W. H., Carmarthen
Laws, H., Hadleigh
Lebeter, W. J. I., Derby
Lewis, A. F. B., Bristol
Mabbitt, A. G., Pontypool
Meekins, B. W., Bury St. Edmunds
Miles, S. E., Stroud
Mobbs, H. R., Bury St. Edmunds
Mort, C. B., St. Annes-on-Sea
Newman, G. R., Tonyrefail
Nuttall, E., Heywood
O'Brien, Frances J., Shadwell
Olsen, L. E., Newport
Parry, Muriel, Birmingham
Parry-Jones, Dilys, Llanrwst
Perkins, N. E., Bideford
Perry, Helen M., Eccles
Pomeroy, F. L., Catterick
Puleston, A. W., Wembley
Reeder, D. J., Hull
Roberts, E., Bridgend
Roberts, R. A., Oakengates
Robinson, Kathleen A., Herne Hill
Rymell, C. A., Chertsey
Sargent, C. L., Liverpool
Sayers, A. W., Ilkeston
Sendall, F. C., Liverpool
Shammas, M., Cairo
Shepherd, J. J. G., Luton
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Skinner, C. F., Woodchurch
Smith, D. S., Brixton
Smith, G. G., Bath
Smith, Joan, Burnley
Stocklinsky, B., Kingsland
Stoddard, Marjorie, Stoke-on-Trent
Sykes, R., Halifax
Tasker, G., Swansea
Taylor, A., Morecambe
Thomas, F. S. P., Abercarn
Thomas, I. J., Cefn Coed
Train, D., Kingston
Tucker, R. W., Llanishen
Tuckett, C. H., Weston-super-Mare
Underwood, F. E., Devizes
Uttley, Dorothy B., Stockport
Ward, E. J., Ipswich
Watkins, E. L., Thornbury
Wayne, F., Rotherhithe
Wellington, E. F., Bristol
Wells, W. A., Birmingham
Whale, G. H., Torquay
Whelan, F. C., Cleator
Whynes, K. F., Stowmarket
Wilkinson, T., Blackpool
Williams, D. L., Cheltenham
Williams, J. B., Liverpool
Wise, L. M., Manchester
Wood, Constance, Oldham
Woodhead, A., Todmorden
Woods, J. R. S., Blackburn
Wotherspoon, Betty, Birmingham
Wright, F. W., Gosport
Wright, J., Blackpool

LATE NEWS

Trade Report

AGAR.—Business is reported done in unrestricted Kobe No. 1 at 24s. per lb.

MENTHOL.—Spot quotations for Chinese show a further advance, and business is reported done at 43s. 6d. per lb., with some odd cases at 45s.

PEPPERMINT OIL.—Some spot business is reported done in Chinese at 37s. 6d. per lb., with further buyers. Supplies are extremely difficult to find.

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gently required. Offers London Office of this

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ARE YOU UNEMPLOYED AS A DIRECT RESULT OF THE WAR ? IF SO, READ THIS

In order to assist employees who have lost their employment, either through enemy action or through businesses being closed down in defence areas, a scheme of free advertisements in the "Situations Wanted" column of this Supplement will be available until further notice.

Any such employee of a retail pharmacist, whether qualified or not, or any employee of works producing or distributing products in connexion with the drug and associated industries is invited to make full use of this facility without charge.

Advertisements should be accompanied by particulars of lost employment and cause of its termination, and should be addressed to The Publisher, The Chemist and Druggist, The Pitman Press, Bath, to arrive not later than WEDNESDAY morning of week of issue.

WAR-TIME UNEMPLOYMENT SITUATIONS WANTED

The advertisements in this section are inserted free and are from advertisers who have lost their employment as a direct result of the war. Prospective employers are requested to give them special consideration.

Advertisers in this Section should advise us immediately employment has been secured.

RETAIL

A LADY Dispenser-Secretary (Hall), qualifications and many years' experience, desires urgently a post with doctors, hospital or high-class chemist. CDB/633, London Office of this Paper.

E XPERIENCED Unqualified Lady Dispenser Assistant requires situation in Chemist shop or with doctor in Scotland. Good reference obtainable. CDB/609, London Office of this Paper.

Q UALIFIED, elderly, many years' experience, seeks position as Manager, owing to loss of own pharmacy. Country, Southern England preferred. CDB/628, London Office of this Paper.

WHOLESALE

M IDLANDS, Eastern Counties Representative. Very active. Over military age. Car owner. Hundreds of live accounts open amongst chemists, stores, high-class hairdressers. Vacant through enemy action. Excellent reference from late firm. Expenses, commission "Rader," St. Moritz, Wellington Road, Mablethorpe, Lincs.

C HEMIST and Manager over military age requires post. Experienced in Formulation, Lay-out, Organisation and Control of Labour and Management. Twenty years' experience in cosmetic manufacture and in soap manufacture. CDB/649, London Office of this Paper.

P OSITION of Works Manager and Engineer required for a man aged 60 years. Long experience in Factory Output and general control of men and women in perfumery or similar business. Over ten years with well-known perfumery house. North West London preferred. CDB/610, London Office of this Paper.

R EPRESENTATIVE (Liverpool and North of England, North Wales). Good connexion, medical men, hospitals and nursing homes. Drugs, sundries, insts., toilets. "W.P.R.," 29 Crescent Road, Southport.

R EPRESENTATIVE with outstanding connexion in N. Ireland and part Eire seeks re-engagement on direct or agency terms. Energetic worker. Car owner. First class reference. CDB/657, London Office of this Paper.

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CHEMIST & DRUGGIST

WAR-TIME TRADE GUIDE

This 8-page guide, published in the CHEMIST & DRUGGIST, January 25, 1941, comprises a comprehensive alphabetical list of pharmaceutical products, drugs, toilet preparations, cosmetics, druggists' sundries, etc., handled by the retail pharmacist.

Against each item is indicated the War-time Trade Restriction control or tax and the amount of tax it is subject to.

Manufacturers, Wholesalers and Retailers thus have available, in a clear and concise form, all the essential information regarding current trading conditions. Reprints are available at the following post free prices.

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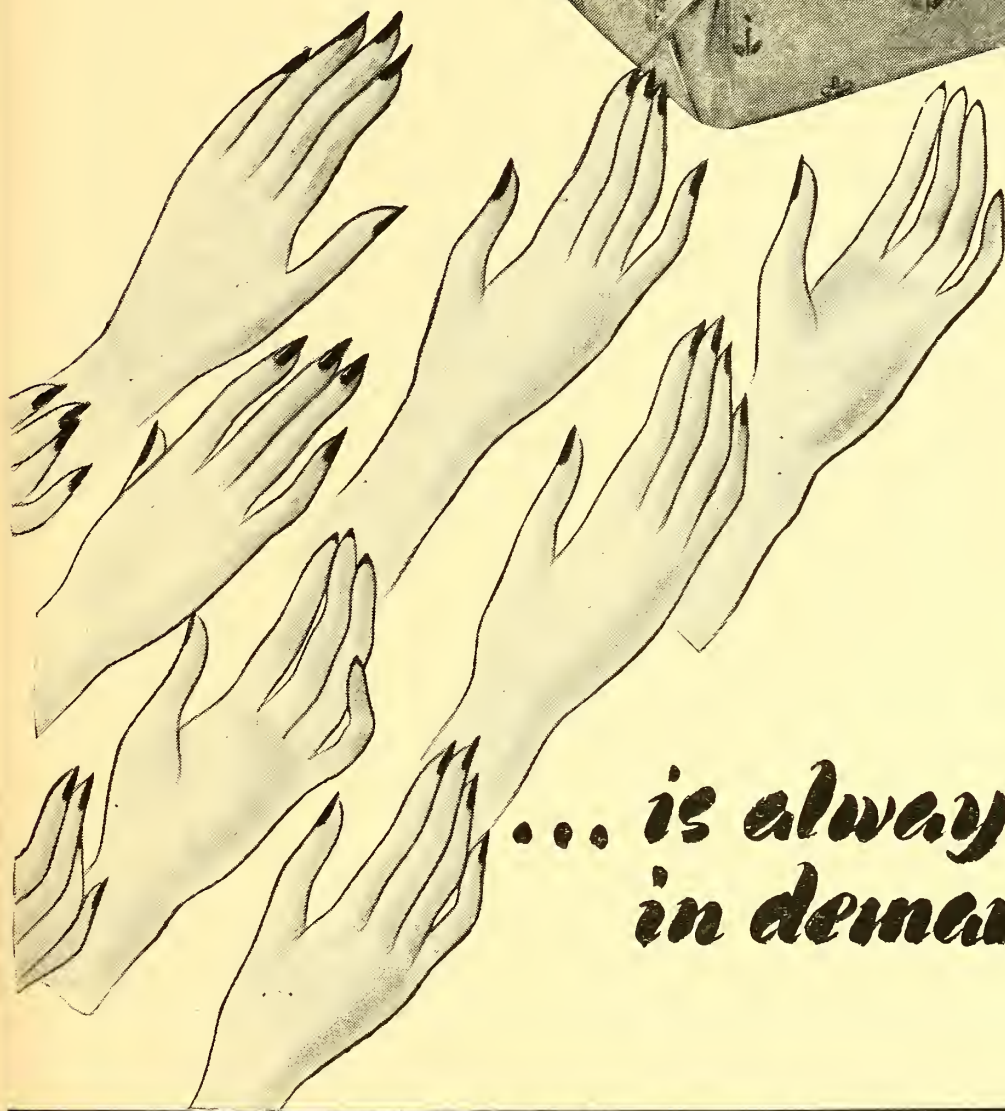
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